



INVESTOR IN PEOPLE

Application No: GB 0321644.7  
Claims searched: 1 - 73

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## Patents Act 1977 : Search Report under Section 17

### Documents considered to be relevant:

Category	Relevant to claims	Identity of document and passage or figure of particular relevance
X, E	1 and 2 at least.	WO 03/102844 A (IGT) See Figs and claims.
X	1, 3	US 6342007 B1 (WOOD et al) See col. 3 lines 24 to 44.
X	1, 2	GB 2333880 A (BARCREST) See Fig. 2, zones 22 - 26 with different values, selector buttons 27 - 31, triggering by positions on trail 17.

### Categories:

X Document indicating lack of novelty or inventive step	A Document indicating technological background and/or state of the art
Y Document indicating lack of inventive step if combined with one or more other documents of same category	P Document published on or after the declared priority date but before the filing date of this invention
& Member of the same patent family	E Patent document published on or after, but with priority date earlier than, the filing date of this application.

### Field of Search:

Search of GB, EP, WO & US patent documents classified in the following areas of the UKC<sup>w</sup>:

G4V

Worldwide search of patent documents classified in the following areas of the IPC<sup>7</sup>:

G07F

The following online and other databases have been used in the preparation of this search report:

WPI, EPODOC, JAPIO

69. The method of Claim 68, wherein the data network is the internet.

70. A method of operating a gaming device, said method comprising the steps of:

5 (a) displaying a plurality of labeled positions along a path in an order and at least one terminator associated with one of the positions,

(b) randomly generating one of the positions based on the labels associated with the positions or a triggering event;

10 (c) providing a player a first value associated with the label of the generated position if the terminator is not associated with said position or a combination of a plurality of values associated with a plurality of the labels if the triggering event is generated;

(d) re-labeling the positions in another order; and

(e) if the terminator is not associated with the position, repeating steps (b) to (d) until a terminator is randomly associated with the generated position.

15 71. The method of Claim 70, wherein steps (a) and (e) are provided over a data network.

72. The method of Claim 71, wherein the data network is the internet.

73. A gaming device and a method substantially as hereinbefore described with reference to and as illustrated in the accompanying drawings.

62. A method of operating a gaming device, said method comprising the steps of:

- (a) displaying a plurality of positions along a path, a plurality of values associated with said positions;
- 5 (b) randomly generating one of the positions or a triggering event;
- (c) making an offer to a player of the first value associated with the generated position or a combination of the plurality of first values if the triggering event is generated;
- (d) displaying a plurality of second values associated with the  
10 positions;
- (e) enabling the player to accept or reject said offer;
- (f) awarding said offer to the player if the player accepts said offer;  
and
- (g) if the player does not accept the offer, randomly generating one of  
15 the positions or the triggering events and offering the player the second value associated with the generated position or a combination of the plurality of second values if the triggering event occurs.

63. The method of Claim 62, wherein step (c) includes making an offer to a player of the first value associated with the generated position or a  
20 combination of all of the plurality of first values if the triggering event is generated.

64. The method of Claim 62, wherein step (g) includes making an offer to a player of the second value associated with the generated position or a combination of all of the plurality of second values if the triggering event is  
25 generated.

65. The method of Claim 62, wherein at least one of the second values is based in part on one of the first values.

66. The method of Claim 62, wherein a plurality of the second values are based in part on a plurality of the first values.

30 67. The method of Claim 62, wherein each of the second values is based on one of the first values.

68. The method of Claim 62, wherein steps (a) to (f) are provided over a data network.

54. The method of Claim 50, wherein steps (a) to (g) are provided over a data network.

55. The method of Claim 54, wherein the data network is the internet.

56. A method of operating a gaming device, said method comprising  
5 the steps of:

(a) displaying a plurality of positions, a plurality of values associated with said positions and at least one terminator associated with one of the positions;

(b) randomly generating one of the positions or a triggering event;

10 (c) making an offer to a player of the first value associated with the generated position if the terminator is not associated with said position or a combination of a plurality of first values if the triggering event is generated;

(d) displaying a plurality of second values associated with the positions;

15 (e) enabling the player to accept or reject said offer;

(f) awarding said offer to the player if the player accepts said offer;

(g) if the player does not accept the offer, randomly generating one of the positions or the triggering events and providing the player the second value associated with the generated position if the terminator is not associated with  
20 said position or a combination of the plurality of second values if the triggering event occurs; and

(h) providing a consolation award to the player if the terminator is associated with one of the randomly generated positions.

57. The method of Claim 56, wherein at least one of the second  
25 values is based in part on one of the first values.

58. The method of Claim 56, wherein a plurality of the second values are based in part on a plurality of the first values.

59. The method of Claim 56, wherein each of the second values is based on one of the first values.

30 60. The method of Claim 57, wherein steps (a) to (h) are provided over a data network.

61. The method of Claim 60, wherein the data network is the internet.

45. The method of Claim 44, wherein at least one of the second values is based in part on one of the first values.

46. The method of Claim 44, wherein a plurality of the second values are based in part on a plurality of the first values.

5 47. The method of Claim 44, wherein each of the second values is based on one of the first values.

48. The method of Claim 44, wherein steps (a) to (f) are provided over a data network.

49. The method of Claim 48, wherein the data network is the internet.

10 50. A method of operating a gaming device, said method comprising the steps of:

(a) displaying a plurality of positions and a plurality of first values associated with the positions;

(b) randomly generating one of the positions or a triggering event;

15 (c) making an offer to a player of the first value associated with the generated position or a combination of a plurality of first values if the triggering event is generated;

(d) displaying a plurality of second values associated with the positions;

20 (e) enabling the player to accept or reject said offer;

(f) awarding said offer to the player if the player accepts said offer; and

(g) if the player does not accept the offer, randomly generating one of the positions or the triggering event and providing the player the second value  
25 associated with the generated position or a combination of the plurality of second values if the triggering event occurs.

51. The method of Claim 50, wherein at least one of the second values is based in part on one of the first values.

52. The method of Claim 50, wherein a plurality of the second values  
30 are based in part on a plurality of the first values.

53. The method of Claim 50, wherein each of the second values is based on one of the first values.

a triggering event;  
a consolation award;  
a display device operable to display the positions, offers, terminator; and  
triggering event;

5       an offer acceptor;  
      an offer rejector; and

      a processor operable with the display device, offer acceptor and offer  
rejector to: (a) randomly generate one of the positions or the triggering event,  
(b) make an offer to a player of (i) the value associated with the generated  
10      position if the terminator is not associated with said position or (ii) a combination  
of a plurality of the values associated with the positions if the triggering event is  
generated, (c) enable the player to accept or reject said offer, (d) award said  
offer to the player if the player accepts said offer, (e) if the player does not  
accept the offer, increase at least one of the values associated with the  
15      positions, randomly generate one of the positions or the triggering event and  
provide the player (i) the value associated with the generated position if the  
terminator is not associated with said position or (ii) a combination of the  
plurality of second values if the triggering event occurs, and (f) provide the  
consolation award to the player if the terminator is associated with one of the  
20      randomly generated positions.

44.   A method of operating a gaming device, said method comprising  
the steps of:

      (a) displaying a plurality of first values;  
      (b) making an offer to the player of one of the first values or a  
25      combination of a plurality of first values if a triggering event occurs;  
      (c) displaying a plurality of second values;  
      (d) enabling the player to accept or reject said offer;  
      (e) awarding said offer to the player if the player accepts said offer;

and

30      (f) if the player does not accept the offer, offering the player one of  
the second values or a combination of the plurality of second values if the  
triggering event occurs.

of a plurality of first values if the triggering event is generated, (c) enable the player to accept or reject said offer, (d) award said offer to the player if the player accepts said offer, and (e) if the player does not accept the offer, randomly generate one of the positions or the triggering events and provide the  
5 player (i) the second value associated with the generated position if the terminator is not associated with said position or (ii) a combination of the plurality of second values if the triggering event occurs, and (f) provide a consolation award to the player if the terminator is associated with one of the randomly generated positions.

10 34. The gaming device of Claim 33, wherein a plurality of the second values are based in part on a plurality of the first values.

35. The gaming device of Claim 33, wherein each of the second values is based on one of the first values.

15 36. The gaming device of Claim 33, wherein the combination of a plurality of first values is predetermined.

37. The gaming device of Claim 33, wherein the combination of a plurality of first values is randomly determined.

38. The gaming device of Claim 33, wherein the combination of a plurality of second values is predetermined.

20 39. The gaming device of Claim 33, wherein the combination of a plurality of second values is randomly determined.

40. The gaming device of Claim 33, which includes associating another terminator with the first randomly generated position.

25 41. The gaming device of Claim 33, wherein said positions are aligned in a closed path.

42. The gaming device of Claim 33, wherein the combination of the plurality of first values includes the values associated with the positions along the path between one of the positions and the position having the associated terminator.

30 43. A gaming device comprising:  
a path including a plurality of positions;  
a plurality of values associated with a plurality of the positions;  
a terminator adapted to be associated with one of the positions;

consolation award to the player if the terminator is associated with one of the randomly generated positions.

26. The gaming device of Claim 25, wherein the combination of a plurality of first values is predetermined.

5 27. The gaming device of Claim 25, wherein the combination of a plurality of first values is randomly determined.

28. The gaming device of Claim 25, wherein the combination of a plurality of second values is predetermined.

10 29. The gaming device of Claim 25, wherein the combination of a plurality of second values is randomly determined.

30. The gaming device of Claim 25, which includes associating another terminator with the first randomly generated position.

31. The gaming device of Claim 25, wherein said positions are aligned in a closed path.

15 32. The gaming device of Claim 31, wherein the combination of the plurality of first values includes the values associated with the positions along the path between one of the positions and the position having the associated terminator.

20 33. A gaming device comprising:  
a plurality of positions;  
a plurality of first values associated with the positions;  
a plurality of second values associated with the positions, wherein at least one of the second values is based in part on one of the first values;  
a triggering event;  
25 a terminator adapted to be associated with at least one of the positions;  
a display device operable to display the positions, first values, second values, triggering event and terminators;

an offer acceptor;  
an offer rejector; and  
30 a processor operable with the display device, offer acceptor and offer rejector to: (a) randomly generate one of the positions or the triggering event, (b) make an offer to a player of (i) the first value associated with the generated position if the terminator is not associated with said position or (ii) a combination



19. The gaming device of Claim 18, wherein a plurality of the second values are based in part on a plurality of the first values.

20. The gaming device of Claim 18, wherein each of the second values is based on one of the first values.

5 21. The gaming device of Claim 18, wherein the combination of a plurality of first values is predetermined.

22. The gaming device of Claim 18, wherein the combination of a plurality of first values is randomly determined.

10 23. The gaming device of Claim 18, wherein the combination of a plurality of second values is predetermined.

24. The gaming device of Claim 18, wherein the combination of a plurality of second values is randomly determined.

25. A gaming device comprising:  
a plurality of positions;  
15 a plurality of first values associated with the positions;  
a plurality of second values associated with the positions;  
a triggering event;  
a terminator adapted to be associated with at least one of the positions;  
a display device operable to display the positions, first values, second  
20 values, triggering event and terminators;  
an offer acceptor;  
an offer rejector; and  
a processor operable with the display device, offer acceptor and offer rejector to: (a) randomly generate one of the positions or the triggering event,  
25 (b) make an offer to a player of (i) the first value associated with the generated position if the terminator is not associated with said position or (ii) a combination of a plurality of first values if the triggering event is generated, (c) enable the player to accept or reject said offer, (d) award said offer to the player if the player accepts said offer, and (e) if the player does not accept the offer,  
30 randomly generate one of the positions or the triggering events and provide the player (i) the second value associated with the generated position if the terminator is not associated with said position or (ii) a combination of the plurality of second values if the triggering event occurs, and (f) provide a

position or a combination of a plurality of first values if the triggering event is generated, (c) enable the player to accept or reject said offer, (d) award said offer to the player if the player accepts said offer, and (e) if the player does not accept the offer, randomly generate one of the positions or the triggering event  
5 and provide the player the second value associated with the generated position or a combination of the plurality of second values if the triggering event occurs.

14. The gaming device of Claim 13, wherein the combination of a plurality of first values is predetermined.

15. The gaming device of Claim 13, wherein the combination of a  
10 plurality of first values is randomly determined.

16. The gaming device of Claim 13, wherein the combination of a plurality of second values is predetermined.

17. The gaming device of Claim 13, wherein the combination of a plurality of second values is randomly determined.

15 18. A gaming device comprising:  
a plurality of positions;  
a plurality of first values associated with the positions;  
a plurality of second values associated with the positions, wherein at  
least one of the second values is based in part on one of the first values;  
20 a triggering event;  
a display device operable to display the positions, first values, second  
values and triggering event;  
an offer acceptor;  
an offer rejector; and

25 a processor operable with the display device, offer acceptor and offer  
rejector to: (a) randomly generate one of the positions or the triggering event,  
(b) make an offer to a player of the first value associated with the generated  
position or a combination of a plurality of first values if the triggering event is  
generated, (c) enable the player to accept or reject said offer, (d) award said  
30 offer to the player if the player accepts said offer, and (e) if the player does not  
accept the offer, randomly generate one of the positions or the triggering event  
and provide the player the second value associated with the generated position  
or a combination of the plurality of second values if the triggering event occurs.

an offer acceptor;  
an offer rejector; and

a processor operable with the display device, offer acceptor and offer rejector to: (a) make an offer to the player of one of the first values or a  
5 combination of a plurality of first values if the triggering event occurs, (b) enable the player to accept or reject said offer, (c) award said offer to the player if the player accepts said offer, and (d) if the player does not accept the offer, provide the player one of the second values or a combination of the plurality of second values if the triggering event occurs.

10 7. The gaming device of Claim 6, wherein a plurality of the second values are based in part on a plurality of the first values.

8. The gaming device of Claim 6, wherein each of the second values is based on one of the first values.

15 9. The gaming device of Claim 6, wherein the combination of a plurality of first values is predetermined.

10. The gaming device of Claim 6, wherein the combination of a plurality of first values is randomly determined.

11. The gaming device of Claim 6, wherein the combination of a plurality of second values is predetermined.

20 12. The gaming device of Claim 6, wherein the combination of a plurality of second values is randomly determined.

13. A gaming device comprising:  
a plurality of positions;  
a plurality of first values associated with the positions;  
25 a plurality of second values associated with the positions;  
a triggering event;  
a display device operable to display the positions, first values, second values and triggering event;  
an offer acceptor;  
30 an offer rejector; and

a processor operable with the display device, offer acceptor and offer rejector to: (a) randomly generate one of the positions or the triggering event, (b) make an offer to a player of the first value associated with the generated

## CLAIMS

The invention is claimed as follows:

1. A gaming device comprising:
  - 5 a plurality of first values;
  - a plurality of second values;
  - a triggering event;
  - a display device operable to display the first values, the second values and triggering event;
  - 10 an offer acceptor;
  - an offer rejector; and
  - a processor operable with the display device, offer acceptor and offer rejector to: (a) make an offer to the player of one of the first values or a combination of a plurality of first values if the triggering event occurs, (b) enable
  - 15 the player to accept or reject said offer, (c) award said offer to the player if the player accepts said offer, and (d) if the player does not accept the offer, provide the player one of the second values or a combination of the plurality of second values if the triggering event occurs.
2. The gaming device of Claim 1, wherein the combination of a
- 20 plurality of first values is predetermined.
3. The gaming device of Claim 1, wherein the combination of a plurality of first values is randomly determined.
4. The gaming device of Claim 1, wherein the combination of a plurality of second values is predetermined.
- 25 5. The gaming device of Claim 1, wherein the combination of a plurality of second values is randomly determined.
6. A gaming device comprising:
  - a plurality of first values;
  - a plurality of second values, wherein at least one of the second values is
  - 30 based in part on one of the first values;
  - a triggering event;
  - a display device operable to display the first values, the second values and triggering event;

processor randomly determines the that the player moves two positions as highlighted by indicator 150 and as indicated by move display 128. The player symbol or indicator is moved to a position 360 or position 2. The gaming device provides the award associated with the label of position 2 to the player.

5       The gaming device resets the numbers or re-labels the positions as illustrated in Fig. 41. The gaming device may also associate the same award associated with the numbers or labels to the new numbers or labels, or may associate new awards with the numbers or labels. Accordingly, in one embodiment, the awards are not directly associated with the positions, rather  
10 they are associated with the numbers or labels, which change based on the randomly determined position moves. In this illustrated, embodiment, position 360 is the start position and also a collect position.

As further illustrated in Fig. 41, the processor randomly determines the multi-award symbol as highlighted by indicator 150 and move display 128. The  
15 gaming device provides the player all of the awards associated with all of the labels of the positions up to the next collect position. Accordingly, the processor provides a player the awards associated with label 1, label 2 and label 3. The process repeats itself until a move to a collect position.

It should be understood that various changes and modifications to the  
20 presently preferred embodiments described herein will be apparent to those skilled in the art. Such changes and modifications can be made without departing from the spirit and scope of the present invention and without diminishing its intended advantages. It is therefore intended that such changes and modifications be covered by the appended claims.

associated with one or more of the labels or positions. The awards associated with the labels are randomly determined or predetermined.

5 An indicator 150 for randomly selecting a number of moves or the triggering event is activated by the processor. In the first activation of the game, the processor randomly determines the move is three positions from position 350 to position 356 as illustrated by move display 128 and move indicator 150. The award associated with position 356 labeled "3" is provided to the player.

10 The processor then re-labels or re-numbers the positions as indicated in Fig. 40 and specifically in path 210. In the preferred embodiment, the processor also randomly assigns awards to the labels. It should be appreciated that although the awards are not shown to the player in this embodiment, in an alternative embodiment, the awards associated with one or more of the labels may shown to the player. Thus, although the awards are indirectly related to the positions, the awards may be shown as directly related to the positions for each labeling, but may be changed in each re-labeling. In the illustrated embodiment, the initial start position 350 and each subsequent start position functions as a collect symbol as illustrated in Fig. 40. In an alternative embodiment, the collect position may randomly determined. In one such embodiment, the start positions may be associated with one or more of the position numbers in each set of position numbers. Therefore, the collect position may be randomly determined including randomly determined based on the labeling of the positions. In an alternative embodiment, the collect symbols may be completely randomly determined and not determined based upon positions previously landed upon or obtained.

25 In the illustrate embodiment of Fig. 40, position 358 is re-labeled position "1," position 360 is re-labeled position "2," position 364 is re-labeled position "3," position 366 is relabeled position "4," position 368 is re-labeled position "5," position 350 is a collect position re-labeled position "6", position 352 is re-labeled position "7," position 354 is re-labeled position "8," and position 356 is re-labeled start or collect. The awards (not shown) are associated with the labels. It should be appreciated that additional collect symbols may also be associated with one or more of the labels or positions. This association may be pre-determine or randomly determined. In this illustrated embodiment, the

Turning now to Fig 37, the player generates a move of one, landing on space 258, which generates an offer of two-hundred fifty-seven, the value previously associated with space 258 (See Fig. 38). A consolation award of 100 is generated and the remaining ungenerated spaces are increased by the amount of the offer. So, for example, space 252 had a value of two hundred fifty-four, added to the offer amount of two hundred fifty-seven gives a total of five-hundred and eleven. The player again chooses to continue by selecting the continue selector 108.

Turning now to Fig. 38, the player generates a move of seven which appears in the move indicator 128 and on the display wheel 150. A move of seven spaces from space 258 to space 250 results in the end of the game as space 250 is a collect terminator position.

#### Multi-Award Offer

In an alternative embodiment of the present invention, generally illustrated in Figs. 39 to 41, the game is not in the form of an offer and acceptance game. In this alternative embodiment, the initial start position functions as the collect position and each position is consecutively labeled from the start position. Each time the indicator moves to a new position, that position becomes the start position and the each position is consecutively re-labeled. Awards are associated with each of the labels. In one embodiment, each start position becomes a collect position. In an alternative embodiment, the collects are associated with the labels and not the positions or in addition to any position. The awards associated with the labels may be predetermined or randomly determined. In this embodiment, the multi-offer symbol functions as a multi-award symbol, whereby if the multi-award symbol is obtained, the gaming device provides the player all of the awards associated with all of the labels associated with the positions to the next collect position.

In the illustrated embodiment, the example positions 350, 352, 354, 356, 358, 360, 364, 366, and 368 are sequentially illustrated in a path 210 of display 30 or 32 and each position has an initial label, respectively 1 through 8, except for position 350 which is an initial start position and also serves as a collect position. Although not shown, an award is initially associated with each label in this example. In an alternative embodiment, collect symbols could be

and displays the offers of the individual positions.

#### Illustration of the Multi-Offer Move Indicator with no Initial Terminators

Referring now to Fig. 34, an enlarged front plan view of a display device 30, 32 illustrates an alternate embodiment of the game with a multi-offer offer move indicator wherein there are no initial terminators on the displayed path 110. As described above, the player begins the game by selecting the start selector 104 to generate a move position. Turning now to Fig. 35, the player generates the multi-offer symbol "⊗", and because there are no terminator positions on the display board, the offer presented to the player is the sum of all the remaining ungenerated positions 252 through 272, or 125 credits. It should be appreciated that the number of offers in the multi-offer could be two or more up to the total number displayed; this could be predetermined or randomly determined. A consolation award of 50 is also generated and presented to the player, and the remaining ungenerated positions are increased by 125. Upon receipt of the offer, the player in this example rejects the multi-offer offer by selecting the continue selector 108, generating a new offer position from the move generator 304.

Turning now to Fig. 36, the player generates a three as indicated by the move indicator 128 and the wheel display 150. The player is advanced three positions to position 256, and an offer of one-hundred twenty-eight, the amount previously displayed in position 256 (see Fig. 35) is placed in the offer display 100. The previously occupied space, here the start position 250 has turned into a "collect" terminator position, similar to the collect positions described above. In this embodiment, once a position is generated, it will preferably convert into a terminator position with some form of indicia, like the word "collect" or other appropriate word or symbol, to indicate to the player the display positions that could be offered if the multi-offer symbol is generated.

Similar to the games described above, the remaining offer positions are increased by the amount of the offer, i.e., one-hundred twenty-eight, and a consolation award of 100 is generated. In this example, the player chooses to again reject the offer to try for an offer associated with one or more of the increased offer positions.



Referring now to Fig. 31, an enlarged front elevational view of a display device 30 or 32 illustrates a second display of an alternative offer update embodiment. After selecting the start selector 104, the game: (i) randomly generates a four position move as indicated by the move indicator 128 and the wheel display 150; (ii) offers the player the three credits previously displayed in the position 258 as indicated by the offer indicator 100; (iii) multiplies the three credits by the remaining unselected offers of the positions 252 through 272; (iv) randomly generates a consolation award of four credits and displays such in the consolation award display 102; and (v) enables the player to accept or keep the achieved offer or risk the offer for an upgrade. In this example, the player rejects the offer and selects the continue selector 108, as illustrated.

Referring now to Fig. 32, an enlarged front elevational view of a display device 30 or 32 illustrates a third display of an alternative offer update embodiment. After selecting the continue selector 108, the game: (i) randomly generates a one position move as indicated by the move indicator 128 and wheel display 150; (ii) offers the player the nine credits previously displayed in the position 260 as indicated by the offer indicator 100; (iii) multiplies the nine credits by the remaining unselected offers of the positions 252 through 272; (iv) randomly generates a consolation award of ten credits and displays such in the consolation award display 102; and (v) enables the player to accept or keep the achieved offer or risk the offer for an upgrade. In this example, the player rejects the offer and selects the continue selector 108, as illustrated.

Referring now to Fig. 33, an enlarged front elevational view of a display device 30 or 32 illustrates a fifth and final display of an alternative offer update embodiment. After selecting the continue selector 108, the game randomly generates an eight position move as indicated by the move indicator 128 and wheel display 150, which selects the previously selected start position 250. The game, as previously described, ends and replaces the currently achieved offer with the consolation award of ten credits, which the game displays in the offer indicator 100 and consolation indicator 102.

Similar to the embodiments described above, the present invention contemplates enabling a player, in the display configuration described in Fig. 21 to accrue offers, wherein the positions do not update; but rather, the game adds

embodiment, wherein the game awards a consolation award of fifty credits when the game generates a move to a collect position. As illustrated by the move indicator 128 and wheel display 150, when the player selects the continue selector 108 (in Fig. 28), the game randomly generates a move of eight  
5 positions, e.g., by randomly selecting the number eight from the move table 304 of Fig. 24. The game moves the marker \$ from the previous position 272 eight positions to the collect position 262. The game provides the player with the consolation award because the player has risked a current award of one hundred thirty-two credits and inputted a decision that generates a game ending  
10 move number. The example illustrates that the game displays the consolation award in offer indicator 100 as well as the consolation award indicator 102. The game employs any suitable method to indicate that the game has ended and the value of the player's award.

#### Illustration of the Multi-Offer Move Indicator with Updates by Multiplication

15 Referring now to Fig. 30, an enlarged front plan view of a display device 30 or 32 illustrates a first display of an alternative offer update embodiment, wherein the game multiplies a randomly selected or landed upon offer by the remaining unselected awards. The alternative embodiment otherwise operates as described in the addition embodiment of Figs. 25 through 29.

20 Upon a sequence triggering event, one of the displays 30 or 32 shows the player that no offers exist in the offer indicator 100. The game has yet to generate a consolation award in the consolation award indicator 102. The player has yet to input a decision enabling the game to generate a position move number, as indicated by the move indicator 128 or wheel display 150.  
25 The displays 30 or 32 show that the present invention retrieves the offers one, two, two, three, three, four, four, five, five and ten from an offer table and sequentially, increasingly displays the offers in the offer positions from 252 through 272, respectively. The game selects and displays that the player starts from the position 250 and travels clockwise around the path 110. Initially, the  
30 game preferably enables the player to select the start selector 104 and not the offer/acceptance selectors, i.e., the keep selector 106 or the continue selector 108. Accordingly, the player in this example selects the start selector 104.

upgrades in the remaining positions 252, 254, 258, 260, 264, 266, 270, and 272. If the player rejects the offer, by selecting the continue selector 108, and lands on any of the spent positions 250, 256, or 268 the game ends and the player receives the consolation award. The game may also end upon the  
5 generation of collect positions 262 and 274, leaving the player with a consolation award. In this example, the player again rejects the offer and selects the continue selector 108, as illustrated.

Referring now to Fig. 28, an enlarged front plan view of a display device 30 or 32 illustrates a fourth display of a preferred offer update embodiment,  
10 wherein the game randomly generates the multi-offer or "⊗" symbol from the move table 304 of Fig. 24. When this symbol is generated, the offer provided to the player is the sum of the offers or values associated with all positions from the previous move (position 268 in Fig. 27) to the next collect, or position 272 as shown in Fig. 28. Thus the offer provided is the sum of the values in positions  
15 270 and 272, or sixty-one plus seventy-one for a total multi-offer offer of 132. At this point the game advances the player to the last position before the collect, position 272, and adds the offer of 132 to the remaining positions 252, 254, 258, 260, 264, 266 and 270. The game also retrieves a new consolation award of fifty, e.g., from the consolation table 302 of Fig. 23, and displays the fifty credits  
20 in the consolation award indicator 102.

The game enables the offer/acceptance aspect of the present invention, wherein the player can accept or keep the currently achieved one hundred thirty-two (i.e., the multi-offer offer) credits by selecting the keep selector 106. The player can alternatively reject the multi-offer offer and risk the one hundred  
25 thirty-two credits for one of the offer upgrades in the remaining positions 252, 254, 258, 260, 264, 266 and 270. If the player continues, by selecting the continue selector 108, and lands on any of the spent positions 250, 256, 268 or a collect position 262, or 274, the game ends and the player receives the consolation award. In this example, the player again rejects the multi-offer offer  
30 and selects the continue selector 108, as illustrated.

Referring now to Fig. 29, an enlarged front plan view of a display device 30 or 32 illustrates a fifth and final display of a preferred offer update

achieved offer. The game may alternatively structure the offer table 300 and consolation award table 302, such that the currently achieved offer always exceeds the consolation award.

Similar to the embodiments described above, the game enables the offer/acceptance aspect of the present invention. That is, the player can accept or keep the currently achieved three credits (i.e., the offer) by selecting the keep selector 106. The player can alternatively reject the offer and risk the three credits for one of the upgrades in the remaining positions 252, 254, 258, 260 and 264 through 272. If the player rejects the offer, by selecting the continue selector 108, and lands on either of the spent or marked positions 250 or 256 or one of the collect terminator positions 262 and 274, the game ends and the player receives the consolation award. In this example, the player rejects the offer and selects the continue selector 108, as illustrated.

Referring now to Fig. 27, an enlarged front plan view of a display device 30 or 32 illustrates a third display of an alternate update embodiment, wherein the game adds a randomly selected or landed upon offer of twenty-eight credits to the remaining unselected offers. As illustrated by the move indicator 128 and display wheel 150, when the player selects the continue selector 108 (in Fig. 26), the game randomly generates a move of six positions, e.g., by randomly selecting the number six from the move table 304 of Fig. 24. The game moves a marker the "\$", from the previous position 256 six positions to the position 268. The game offers the player the twenty-eight credits previously displayed (in Fig. 26) by the position 268, as displayed in the offer indicator 100, and adds the twenty-eight credits to each of the remaining unselected positions. The game also retrieves a new consolation award of ten from the consolation table 302 of Fig. 23, and displays the ten credits in the consolation award indicator 102. It should also be appreciated that the consolation award could be randomly determined. In one embodiment, the consolation award is determined based on a player pick of a selection from a plurality of selections.

The game enables the offer/acceptance aspect of the present invention, wherein the player can accept or keep the currently achieved twenty-eight credits (i.e., the offer) by selecting the keep selector 106. The player can alternatively reject the offer and risk the twenty-eight credits for one of the offer

In a bonus round embodiment, the game preferably includes a move table, such as the move table 304 of Fig. 24, so that the player is guaranteed an offer. That is, even a maximum of eight moves from the move table 134 does not return the player to the start position 250, which ends the sequence of the present invention. Preferably, the game will also avoid generating a six on the first move, which will result in the player landing on a collect or terminator position thus ending the game. Alternatively, the game rules can be set so a collect position will become a terminator upon being generated twice. Under this alternative scheme, the game guarantees that the player lands on and receives an offer from one or more of the positions 252 through 272. In a stand-alone embodiment, the game preferably enables the player to return to the start position 250, which ends the sequence of the present invention. In a stand-alone embodiment, the game preferably includes a position move table with numbers such as two through twelve, wherein the game simulates the random roll of two dice and enables the game to end upon an initial move.

Referring now to Fig. 26, an enlarged front plan view of a display device 30 or 32 illustrates a second display of a preferred offer update embodiment, wherein the game adds a randomly selected or landed upon offer of three credits to the remaining unselected offers. As illustrated by the move indicator 128, when the player selects the start selector 104 (in Fig. 25), the game randomly generates a move of three positions, e.g., by randomly selecting the number three from the move table 304 of Fig. 24. The game moves a marker, shown here as a "\$," from the start position 250 three positions to the position 256. The game offers the player the three credits previously displayed (in Fig. 25) by the position 256, as displayed in the offer indicator 100, and adds the three credits (i.e., the offer) to the remaining unselected selectors as illustrated in Fig. 26. The game also recalls a consolation award of two, e.g., from the consolation table 302 of Fig. 23, and displays the two credits in the consolation award indicator 102.

In the preferred embodiment of the present invention, the game structures the offer table 300 and consolation award table 302 such that the game, in certain instances, produces a higher consolation award than game offer. In such a case, the player's obvious next step is to risk the currently

If upon selecting the start 106 or continue 108 selectors the move generator selects the multi-offer symbol 151, then the offer presented to the player will preferably be the sum of all the offers or values of the ungenerated positions between the previous position and the next terminator position, moving in a clockwise or forward direction along the path of display positions. It should be appreciated that the direction could be counter-clockwise, or any other suitable direction or pattern. If there are no ungenerated positions between the previous position and the next terminator position, then the offer may be the previous offer, or alternatively, a consolation award. In a scenario where the multi-offer symbol is generated and there are no terminator positions on the path, then the offer made to the player will be all of the ungenerated positions along the path. The following examples provide further illustration of the features of this alternate embodiment of the invention.

#### Illustration of the Multi-Offer Move Indicator with Updates by Addition

Referring now to Fig. 21, an enlarged front plan view of a display device 30 or 32 illustrates a first display of an alternative embodiment of the present invention, wherein the move generator includes a multi-offer symbol 151 and the game adds a randomly selected or landed upon offer to the remaining unselected offers. This embodiment additionally includes initial terminator positions 262 and 274.

Upon a sequence triggering event, one of the displays 30 or 32 shows the player that no offers exist in the offer indicator 100. The game has yet to generate a consolation award displayed in the consolation award indicator 102. The player has yet to input a decision enabling the game to generate a position move number, as indicated by the move indicator 128.

The displays 30 or 32 show that the game retrieves offers, e.g., from the offer table 300 of Fig. 22, and sequentially, increasingly displays the offers in the positions 252 through 272. The game selects and displays that the player starts from the position 250 and travels clockwise around the path 110. Initially, the game preferably enables the player to select the start selector 104 and not the offer/acceptance selectors, i.e., the keep selector 106 or the continue selector 108. Accordingly, turning now to Fig. 25, the player in this example selects the start selector 104.

and 274 may be labeled with the word "collect" or other appropriate word or symbol to indicate to the player the positions that could potentially be included in a multi-offer offer if the multi-offer symbol is generated. The display 250 is the start display, which does not include an offer, and which, after the first  
5 move, will become a terminator.

Similar to the embodiments described above, the consolation awards offered in this embodiment preferably increase in value as illustrated in the consolation table 302 of Fig. 23. Alternatively, the consolation awards do not have to increase and can alternate in value or maintain any relative value  
10 distribution desired by the implementor.

Upon selecting the start selector, the game randomly generates from the move table a move number or the multi-offer symbol which is displayed on the move wheel 150 and/or move indicator 128, and a consolation award which is displayed on the consolation award indicator 102. The game adds or multiplies  
15 the generated offer to all other unselected potential offers and updates the offer displays 250 through 272, accordingly. Alternatively, the game may not add to, multiply or update previously generated offers. The game displays the currently achieved offer in the offer indicator 100. The player may then accept or keep the achieved offer by choosing the keep selector 106. The player alternatively  
20 may reject and risk the achieved offer by choosing the continue selector 108. If the player continues and the game generates a previously generated offer, terminator position or the start indicator 250, the game ends and the player receives a consolation award.

Upon selecting the continue selector 108, the game randomly generates  
25 another move number or the multi-offer symbol from the move table. In this manner, the game enables the player to sequentially continue and reject currently achieved offers until the game randomly generates each potential offer or until the game generates a previously generated offer. The game likewise enables the player to stop at any point and accept or keep a currently achieved  
30 offer. Thus, it should be appreciated that the game replaces the potential offers with new potential offers, wherein the new potential offers are based on the previous offer and the previous potential offers. That is, the game replaces a first set of potential offers with a second set of potential offers.

This embodiment contains an offer table Fig. 24 with a modified position move table which includes a multi-offer symbol "⊗". The move table 304, similar to the one described above, additionally contains a sequentially increasing number of position moves. Thus, when the player triggers a game sequence, one of the values or the multi-offer symbol from the move table is generated and displayed in the move indicator position 128 of the display device 30 or 32. As mentioned above, the move table 304 need not have sequentially increasing values, and the numbers may be randomly generated or assigned probabilities (not illustrated). The display device 30 or 32 of this alternative embodiment preferably includes a move generator in the form of a video wheel 150 depicting the values on the move table. When the player triggers a game sequence by activating the start 104 or continue 108 selectors, the wheel 150 will appear to be spinning. When a value or the multi-offer symbol is generated, the wheel 150 will stop spinning and indicate or highlight the generated value or symbol, which will simultaneously be displayed in the move indicator position 128. Alternatively, the wheel 150 alone may serve as the move indicator, where, as described above, the position generated is illuminated or indicated when the wheel stops spinning.

When generated, the multi-offer symbol causes the offer made to the player to include multiple offers or offers associated with more than one display position. In one embodiment, when the multi-offer symbol is generated, the offer presented to the player will be the sum of the offers displayed in the ungenerated positions between the previous position and the next terminator position, moving in a clockwise or forward direction along the path. If there are no ungenerated positions between the previous position and the next terminator position, the offer provided to the player could be the previous offer or, alternatively, a consolation award. If there are no terminator positions on the path 110 of display positions, then the offer is preferably the sum of all of the offers in display positions.

This embodiment also includes the displays 250 through 274, which may or may not include initial terminator positions. Fig. 21 illustrates a game display including initial terminator positions 262 and 274. The terminator positions 262



wherein the positions do not update; but rather, the game adds and displays the offers of the individual positions. Referring to Fig. 3, if the game adds individual offers, then: (i) the player obtains three credits in a move from the position 112 to the position 114; (ii) the player obtains five more credits in a move from the position 114 to the position 118 for a total of eight; (iii) the player obtains twenty-five more credits in a move from the position 118 to the position 122 for a total of thirty-three, etc. The offers of the positions do not change or update as above, but the game preferably adds individual offers rather than replacing them.

10       The present invention also contemplates enabling a player, in any of the display configurations described in Figs. 3, 18, 19 and 20, to accrue offers, wherein the positions do not update; but rather, the game multiplies and displays the offers of the individual positions. Referring to Fig. 13, if the game multiplies individual offers, then: (i) if the player begins the game with one credit at the position 112; (ii) the player maintains one credit (1 X 1) in a move from the position 112 to the position 114; (iii) the player accrues two credits (1 X 2) in a move from the position 114 to the position 118; (iv) the player accrues six credits (2 X 3) in a move from the position 118 to the position 122, etc. The offers of the positions do not change or update as above, but the game preferably multiplies individual offers rather than replacing them.

#### Alternate Embodiment Including Move Generator With Multi-Offer Symbol

Referring now to Fig. 21, an enlarged front elevational view of a display device 30 or 32 illustrates a further alternative embodiment of the present invention including a move generator 150 with a multi-offer symbol 151. The present invention includes employing any suitable group of indicators, which indicate or display potential offers to the player along a path, wherein one or more of the potential offers is provided to the player, and wherein the player can: (i) accept or keep such offer; or (ii) reject or continue while risking the currently achieved offer.

30       Similar to the embodiments described with reference to Fig. 3 above, this embodiment includes a predetermined path, the offer indicator 100, the consolation award indicator 102, the start selector 104, the keep selector 106, the continue selector 108 and their associated functionality, as described above.

achieved offer.

This embodiment does not include a predetermined path, the position move indicator 128 or a consolation award. This embodiment also does include the award indicator 100, the start selector 104, the keep selector 106, and the  
5 continue selector 108, and their associated functionality, as described above.

The embodiment 220 also includes the offer displays 222 through 232 and may or may not include a start display as in the embodiment of Fig. 19. Upon selecting the start selector 104, the game randomly generates any one of the displayed offers 222 through 232. The game adds or multiplies the  
10 generated offer to all other unselected offers and updates the offer displays 222 through 232, accordingly. In one embodiment, the game does not add to, multiply or update previously generated offers. The game displays the currently achieved offer in the offer indicator 100.

The player then accepts or keeps the achieved offer by choosing the  
15 keep selector 106. The player alternatively rejects and risks the achieved offer by choosing the continue selector 108. If the player continues and the game generates a previously generated offer, the game ends and the player receives the reselected offer.

Upon selecting the continue selector 108, the game randomly generates  
20 any of the offers, without regard to a path or any spatial relationship between any two or more offers. In this manner, the game enables the player to sequentially continue and reject currently achieved offers until the game randomly generates each offer or until the game generates a previously generated offer. The game likewise enables the player to stop at any point and  
25 accept or keep a currently achieved offer. It should be also be appreciated that the number of new offers may be limited by a maximum number of selections. Thus, it should again be appreciated that the game replaces the potential offers with new potential offers, wherein the new potential offers are based on the previous offer and the previous potential offers. That is, the game replaces a  
30 first set of potential offers with a second set of potential offers.

#### Alternative Award Embodiment

The present invention contemplates enabling a player, in any of the display configurations described in Figs. 3, 18, 19, 20, and 21 to accrue offers,

preferably any one of the displayed potential offers to offer to the player. Whether or not the game includes a start display 202, upon selecting the start selector 104, the game randomly generates preferably any one of the displayed potential offers 204 through 214 and a consolation award, which is displayed on  
5 the consolation award indicator 102.

The game adds or multiplies the generated offer to all other unselected potential offers and updates the offer displays 204 through 214, accordingly. In one embodiment, the game does not add to, multiply or update previously generated offers or the start indicator 202. The game displays the currently  
10 achieved offer in the offer indicator 100. The player then accepts or keeps the achieved offer by choosing the keep selector 106. The player alternatively rejects and risks the achieved offer by choosing the continue selector 108. If the player continues and the game generates a previously generated offer or the start indicator 202, the game ends and the player receives a consolation  
15 award.

Upon selecting the continue selector 108, the game randomly generates any of the remaining potential offers, without regard to a path or any spatial relationship between any two or more offers. In this manner, the game enables the player to sequentially continue and reject currently achieved offers until the  
20 game randomly generates each potential offer or until the game generates a previously generated offer. The game likewise enables the player to stop at any point and accept or keep a currently achieved offer. Thus, it should be appreciated that the game replaces the potential offers with new potential offers, wherein the new potential offers are based on the previous offer and the  
25 previous potential offers. That is, the game replaces a first set of potential offers with a second set of potential offers.

#### Alternative No-Path, No Consolation Embodiment

Referring now to Fig. 20, an enlarged front elevational view of a display device 30 or 32 illustrates yet another alternative no-path, no-consolation  
30 embodiment of the present invention. The present invention includes employing any group of indicators, which indicate or display offers to the player, wherein one of the offers is made to the player, and wherein the player can: (i) accept or keep such offer; or (ii) reject or continue while risking the currently

### Alternative Path Embodiment

Referring now to Fig. 18, an enlarged front elevational view of a display device 30 or 32 illustrates an alternative path embodiment of the present invention. The present invention contemplates employing any group of positions, wherein the game moves a marker, such as the dollar sign, from position to position in a predetermined and consistent order. As illustrated by Fig. 18, the path can be of any enclosed configuration. The embodiment of Fig. 18 includes the offer indicator 100, the consolation award indicator 102, the start selector 104, the keep selector 106, the continue selector 108 and the position move indicator 128, as described above. The embodiment also includes the path 180, wherein a marker starts at the position 182 and moves to the position 184, to the position 186, to the position 188, to the position 190, to the position 192, to the position 194, to the position 196 and then back to the position 182. The path 180 creates an enclosed star pattern as illustrated. As above, the game retrieves an offer from the offer table 130 of Fig. 4, and sequentially, increasingly displays the offer in the positions 184 to 196, respectively.

### Alternative No-Path Embodiment

Referring now to Fig. 19, an enlarged front elevational view of a display device 30 or 32 illustrates a further alternative no-path embodiment of the present invention. The present invention includes employing any group of indicators, which indicate or display potential offers to the player, wherein one of the potential offers is provided to the player, and wherein the player can: (i) accept or keep such offer; or (ii) reject or continue while risking the currently achieved offer.

This embodiment does not include a predetermined path, nor does it include the position move indicator 128 (Fig. 3). This embodiment also does include the offer indicator 100, the consolation award indicator 102, the start selector 104, the keep selector 106, the continue selector 108 and their associated functionality, as described above.

This embodiment also includes the offer displays 204 through 214. The display 202 is the start display, which does not include an offer. Since this embodiment does not include a path, a start display 202 is not necessary, in which case upon selecting the start selector 104, the game randomly generates

for an upgrade. In this example, the player rejects the offer and selects the continue selector 108, as illustrated.

Referring now to Fig. 15, an enlarged front elevational view of a display device 30 or 32 illustrates a third display of an alternative offer update embodiment. After selecting the continue selector 108, the game: (i) randomly generates a two position move as indicated by the move indicator 128; (ii) offers the player the two credits previously displayed in the position 118 as indicated by the offer indicator 100; (iii) multiplies the two credits by the remaining unselected offers of the positions 116, and 120 through 126; (iv) randomly generates a consolation award of three credits and displays such in the consolation award display 102; and (v) enables the player to accept or keep the achieved offer or risk the offer for an upgrade. In this example, the player rejects the offer and selects the continue selector 108, as illustrated.

Referring now to Fig. 16, an enlarged front elevational view of a display device 30 or 32 illustrates a fourth display of an alternative offer update embodiment. After selecting the continue selector 108, the game: (i) randomly generates a two position move as indicated by the move indicator 128; (ii) offers the player the six credits previously displayed in the position 122 as indicated by the offer indicator 100; (iii) multiplies the six offer by the remaining unselected offer of the positions 116, 120, 124 and 126; (iv) randomly generates a consolation award of five credits and displays such in the consolation award display 102; and (v) enables the player to accept or keep the achieved offer or risk the offer for an upgrade. In this example, the player rejects the offer and selects the continue selector 108, as illustrated.

Referring now to Fig. 17, an enlarged front elevational view of a display device 30 or 32 illustrates a fifth and final display of an alternative offer update embodiment. After selecting the continue selector 108, the game randomly generates a six position move as indicated by the move indicator 128, which selects a previously selected position 118. The game as previously described ends and replaces the currently achieved offer with the consolation award of five credits, which the game displays in the offer indicator 100.

with the consolation award because the player has risked a current award of thirty-six credits and inputted a decision that generates a game ending move number. The example illustrates that the game displays the consolation award in offer indicator 100 as well as the consolation award indicator 102. The game  
5 employs any suitable method to indicate that the game has ended and the value of the player's award.

Referring now to Fig. 13, an enlarged front plan view of a display device 30 or 32 illustrates a first display of an alternative offer update embodiment, wherein the game multiplies a randomly selected or landed upon offer by the  
10 remaining unselected awards. The alternative embodiment otherwise operates as described in the addition embodiment of Figs. 8 through 12.

Upon a sequence triggering event, one of the displays 30 or 32 shows the player that no offers exist in the offer indicator 100. The game has yet to generate a consolation award in the consolation award indicator 102. The  
15 player has yet to input a decision enabling the game to generate a position move number, as indicated by the move indicator 128. The displays 30 or 32 show that the present invention retrieves the offers one, two, two, three, three, four and four from an offer table and sequentially, increasingly displays the offers in the positions 114 through 126, respectively. The game selects and  
20 displays that the player starts from the position 112 and travels clockwise around the path 110. Initially, the game preferably enables the player to select the start selector 104 and not the offer/acceptance selectors, i.e., the keep selector 106 or the continue selector 108. Accordingly, the player in this example selects the start selector 104.

25 Referring now to Fig. 14, an enlarged front elevational view of a display device 30 or 32 illustrates a second display of an alternative offer update embodiment. After selecting the start selector 104, the game: (i) randomly generates a one position move as indicated by the move indicator 128; (ii) offers the player the one credit previously displayed in the position 114 as indicated by  
30 the offer indicator 100; (iii) multiplies the one credit by the remaining unselected offers of the positions 116 through 126; (iv) randomly generates a consolation award of two credits and displays such in the consolation award display 102; and (v) enables the player to accept or keep the achieved offer or risk the offer

108, as illustrated.

Referring now to Fig. 11, an enlarged front plan view of a display device 30 or 32 illustrates a fourth display of a preferred offer update embodiment, wherein the game adds a randomly selected or landed upon offer of thirty-six credits to the remaining unselected offers. As illustrated by the move indicator 128, when the player selects the continue selector 108 (in Fig. 10), the game again randomly generates a move of two positions, e.g., by randomly selecting the number two from the move table 134 of Fig. 6. The game moves a marker 136, the \$, from the previous position 118 two positions to the position 122. The game offers the player the thirty-six credits previously displayed (in Fig. 10) by the position 122, as displayed in the offer indicator 100, and adds the thirty-six credits to each of the remaining unselected positions or offers. The game also retrieves a new consolation award of twenty, e.g., from the consolation table 130 of Fig. 5, and displays the twenty credits in the consolation award indicator 102.

The game enables the offer/acceptance aspect of the present invention, wherein the player can accept or keep the currently achieved thirty-six (i.e., the offer) credits by selecting the keep selector 106. The player can alternatively reject the offer and risk the thirty-six credits for one of the offer upgrades in the remaining positions 116, 120, 124 and 126. If the player continues, by selecting the continue selector 108, and lands on any of the spent positions 112, 114, 118 or 122, the game ends and the player receives the consolation award. In this example, the player again rejects the offer and selects the continue selector 108, as illustrated.

Referring now to Fig. 12, an enlarged front plan view of a display device 30 or 32 illustrates a fifth and final display of a preferred offer update embodiment, wherein the game awards a consolation award of twenty credits when the game generates a move to a previously selected position. As illustrated by the move indicator 128, when the player selects the continue selector 108 (in Fig. 11), the game randomly generates a move of six positions, e.g., by randomly selecting the number six from the move table 134 of Fig. 6. The game moves a marker 136, the \$, from the previous position 122 six positions to the previously selected position 118. The game provides the player

achieved offer. The game may alternatively structure the offer table 130 and consolation award table 132, such that the currently achieved offer always exceeds the consolation award.

The game enables the offer/acceptance aspect of the present invention. That is, the player can accept or keep the currently achieved three credits (i.e., the offer) by selecting the keep selector 106. The player can alternatively reject the offer and risk the three credits for one of the upgrades in the remaining positions 116 through 126. If the player rejects the offer, by selecting the continue selector 108, and lands on either of the spent or marked positions 112 or 114, the game ends and the player receives the consolation award. In this example, the player rejects the offer and selects the continue selector 108, as illustrated.

Referring now to Fig. 10, an enlarged front plan view of a display device 30 or 32 illustrates a third display of a preferred offer update embodiment, wherein the game adds a randomly selected or landed upon offer of eight credits to the remaining unselected offers. As illustrated by the move indicator 128, when the player selects the continue selector 108 (in Fig. 9), the game randomly generates a move of two positions, e.g., by randomly selecting the number two from the move table 134 of Fig. 6. The game moves a marker 136, the \$, from the previous position 114 two positions to the position 118. The game offers the player the eight credits previously displayed (in Fig. 9) by the position 118, as displayed in the offer indicator 100, and adds the eight credits to each of the remaining unselected positions. The game also retrieves a new consolation award of ten from the consolation table 130 of Fig. 5, and displays the ten credits in the consolation award indicator 102.

The game enables the offer/acceptance aspect of the present invention, wherein the player can accept or keep the currently achieved eight credits (i.e., the offer) by selecting the keep selector 106. The player can alternatively reject the offer and risk the eight credits for one of the offer upgrades in the remaining positions 116 and 120 through 126. If the player rejects the offer, by selecting the continue selector 108, and lands on any of the spent positions 112, 114 or 118, the game ends and the player receives the consolation award. In this example, the player again rejects the offer and selects the continue selector



from the position 112 and travels clockwise around the path 110. Initially, the game preferably enables the player to select the start selector 104 and not the offer/acceptance selectors, i.e., the keep selector 106 or the continue selector 108. Accordingly, the player in this example selects the start selector 104.

5        In a bonus round embodiment, the game preferably includes a move table, such as the move table 134 of Fig. 6, so that the player is guaranteed an offer. That is, even a maximum of six moves from the move table 134 does not return the player to the start position 112, which ends the sequence of the present invention. The game guarantees that the player lands on and receives  
10    an offer from one of the positions 114 through 124. In a stand-alone embodiment, the game alternatively, preferably enables the player to return to the start position 112, which ends the sequence of the present invention. In a stand-alone embodiment, the game preferably includes a position move table with numbers such as two through twelve, wherein the game simulates the  
15    random roll of two dice and enables the game to end upon an initial move.

Referring now to Fig. 9, an enlarged front plan view of a display device 30 or 32 illustrates a second display of a preferred offer update embodiment, wherein the game adds a randomly selected or landed upon offer of three credits to the remaining unselected offers. As illustrated by the move indicator  
20    128, when the player selects the start selector 104 (in Fig. 8), the game randomly generates a move of one position, e.g., by randomly selecting the number one from the move table 134 of Fig. 6. The game moves a marker 136, shown here as a "\$," from the start position 112 one position to the position 114. The game offers the player the three credits previously displayed (in Fig. 8) by  
25    the position 114, as displayed in the offer indicator 100, and adds the three credits (i.e., the offer) to the remaining unselected selectors as illustrated in Fig. 9. The game also recalls a consolation award of five, e.g., from the consolation table 130 of Fig. 5, and displays the five credits in the consolation award indicator 102.

30        In the preferred embodiment of the present invention, the game structures the offer table 130 and consolation award table 132 such that the game, in certain instances, produces a higher consolation award than game offer. In such a case, the player's obvious next step is to risk the currently

positions on the display device 165. If there is a terminator or collect position on the display device, then the multi-offer offer will be the sum of the values from the last player position to the next collect, as illustrated in block as illustrated in block 163. If there are no display positions between the prior position and the  
5 next terminator or collect position, then the offer will be the amount of the preceding offer (see block 163). After making an offer to the player as illustrated in blocks 163 and 165, the game generates a consolation award and determines whether there is an unselected offer in block 164. If there is not another unselected offer, then the game will provide the player with an award  
10 166, and end the sequence 168. If there are other unselected offers, then similar to the loop described above with reference to Fig. 7, the game determines whether the player would like to keep the multi-offer offer 170, or risk the multi-offer offer to try for an upgraded offer 172. If the player chooses to keep the multi-offer offer, the game provides the multi-offer offer 166 to the  
15 player and the sequence ends 168. If the player chooses instead to reject the multi-offer offer, then a new move number will be generated 176 and the sequence begins again at block 155. Referring back now to block 157, if the player does not obtain the multi-offer symbol then the game sequence proceeds as described in relation to Fig. 7 starting with block 156.

20

#### Updating Remaining Offers

Two examples of the present invention illustrate the offer update function of the present invention. Referring now to Fig. 8, an enlarged front plan view of a display device 30 or 32 illustrates a first display of a preferred offer update embodiment, wherein the game adds a randomly selected or landed upon offer  
25 to the remaining unselected offers. Upon a sequence triggering event, one of the displays 30 or 32 shows the player that no offers exist in the offer indicator 100. The game has yet to generate a consolation award displayed in the consolation award indicator 102. The player has yet to input a decision enabling the game to generate a position move number, as indicated by the  
30 move indicator 128.

The displays 30 or 32 show that the game retrieves offers, e.g., from the offer table 130 of Fig. 4, and sequentially, increasingly displays the offers in the positions 114 through 126. The game selects and displays that the player starts

achieved offer to the player, as indicated by block 166. If another unselected offer exists, the game also awaits the receipt of an input from the player to reject an offer and risk a currently achieved offer to try for an offer upgrade, as indicated by diamond 172. If the player does not input either a decision to  
5 accept or keep an offer, or reject an offer and risk an offer, the game prompts the player to make a decision, as indicated by the block 174, and resets the decision loop.

When the player inputs a decision to reject an offer and risk a currently achieved offer to try for an offer upgrade, as indicated by a positive response to  
10 diamond 172, the game randomly generates a new position move number, as indicated by the block 176 and moves the number of positions generated by the game, as indicated by the block 156. The game thus continues the loop initiated when the gaming device moves the selected number of positions, as indicated by the block 156, until providing the player with a consolation award or  
15 a currently achieved offer.

Turning now to Figs. 7A and 7B, a flow diagram for an alternative embodiment of the present invention is shown which includes a multi-offer function in the move table which enables a player to receive a multi-offer offer which includes the offers associated with more than one position on the game  
20 display. Similar to the diagram described above in relation to Fig. 7, the game is initiated upon a sequence triggering event 152 and the game, as indicated by block 154: (i) displays a game screen, such as the screen of Fig. 21; (ii) sets a starting position of the position marker, such as the position 250 of Fig. 21; and (iii) enables the player to randomly generate a first move number, such as  
25 enabling the player to select the start selector 104. Next, the game determines if a terminator or "collect" position is generated as illustrated in diamond 155. If a terminator or collect position is generated, the game will end as illustrated by block 159. The game may at this point offer the player a consolation award. If a terminator is not selected, the game determines if the multi-offer symbol is  
30 generated as illustrated in diamond 157. If the multi-offer symbol is generated, the game next determines as illustrated by diamond 161 if there are any remaining terminator or collect positions. If there are no terminator or collect positions, then the offer presented to the player is the sum of all remaining offer

## Operation

Referring now also to Fig. 7, upon a sequence triggering event, as indicated by oval 152, the game, as indicated by block 154: (i) displays a game screen, such as the screen of Fig. 3; (ii) sets a starting position of the position maker, such as the position 112 of Fig. 3; and (iii) enables the player to randomly generate a first move number, such as enabling the player to select the start selector 104. As described with respect to Figs. 1A and 1B, the sequence triggering event, in a bonus game embodiment, can be a certain symbol or combination of symbols appearing on a payline 56. The sequence triggering event, in a stand-alone embodiment, can be the deposit of an appropriate amount of money.

The game moves the position marker a number of positions generated by the game, as indicated by block 156. The game determines whether the newly generated position has previously been selected or landed upon, as indicated by diamond 158. If the newly generated position has previously been selected or landed upon, the game provides the player with a consolation award, as indicated by the block 160. In a stand-alone embodiment, the consolation award can be zero or less than the amount necessary to initiate the sequence.

If the newly generated position has not previously been selected or landed upon, the game: (i) provides the selected or landed upon offer; (ii) updates the remaining offers; and (iii) generates a new consolation award, as indicated by block 162. The present invention contemplates a plurality of update methods as discussed below. Afterward, the game determines whether an unselected offer exists, as indicated by diamond 164.

If another unselected offer does not exist, the game provides the currently achieved offer to the player, as indicated by block 166. After the game provides the player with a consolation award, as indicated by block 160, or provides the currently achieved award to the player, as indicated by block 166, the sequence of the present invention ends.

If another unselected offer does exist, the game awaits the receipt of an input from the player to accept or keep the offer or to reject the offer to try for a larger offer, as indicated by diamond 170. When the player inputs a decision to accept or keep a currently achieved offer, the game provides the currently

other item of actual or potential value to the player.

Referring now to Fig. 5, the consolation table 132 illustrates one possible method for supplying consolation award values to the game. The consolation table 132 includes sequentially increasing consolation award values, one of which the game preferably displays in the consolation award indicator 102 of Fig. 3. The present invention contemplates maintaining a plurality of tables, such as consolation table 132 that have different consolation award distributions, wherein the game randomly selects one of the tables whenever the game of the present invention is invoked. The game can alternatively weight or attach different probabilities to the tables (not illustrated).

The consolation awards preferably sequentially increase in value as illustrated in the consolation table 132. The consolation awards do not have to sequentially increase and can alternate in value or maintain any relative value distribution desired by the implementor. The implementor can also include any desired consolation award values, which preferably correspond to the same type of item of value, i.e., game credits, multiplier, etc. to which the offers of the offer table 130 of Fig. 4 correspond.

Referring now to Fig. 6, the move table 134 illustrates one method for supplying a randomly generated number of position moves along the path 110 of Fig. 3. The move table 134 includes a sequentially increasing number of position moves, one of which the game randomly generates when the player plays the game as described in detail below. The game can alternatively weight or attach different probabilities to the position move numbers (not illustrated).

The move table 134 includes the numbers one through six, wherein the game simulates the roll of a die by randomly generating one of the numbers. The game can alternatively include a position move table with the numbers two through twelve (not illustrated), wherein the game simulates the random roll of two dice. The game can include any move number distribution such as the distribution illustrated in the move table 134. The present invention also contemplates maintaining a plurality of tables, wherein the game randomly selects one of the tables whenever the game of the present invention is invoked. The game can alternatively weight or attach different probabilities to the tables (not illustrated).

through 126. It should be appreciated that the path may be square (as shown), rectangular, triangular, oval, circular or any other suitable shape. It should also be appreciated that the path is preferably enclosed, continuous or functionally cylindrical. A potential offer associated with each position is displayed in the position, although it should be appreciated that the potential offers could be masked. The game includes a position move indicator 128 which displays the currently generated number of position moves along the path 110.

The display device preferably includes a touch screen 50 and an associated touch screen controller 52 (Fig. 2). Each of the selectors 104, 106 and 108 on the display device is thus preferably a player selectable area, which sends a unique input signal to the controller of the gaming device of the present invention. Alternatively, the present invention contemplates providing one or more front panel mountable input devices 33 illustrated schematically in Fig. 2, which are well known in the art, and which enable a player to play the game of the present invention.

Referring now to Fig. 4, the preferred embodiment of the game includes a table 130 of initial offer values. The award table 130 includes sequentially increasing offer values displayed in positions 114 to 126 of Fig. 3. The present invention contemplates maintaining a plurality of tables, such as offer table 130, that have different offer value distributions, wherein the game randomly selects one of the tables whenever the game of the present invention is invoked. The game can alternatively weight or attach different probabilities to the tables (not illustrated).

The offers employed in the game preferably sequentially increase in value as illustrated in offer table 130 and in the clockwise manner on the path 110 of Fig. 3. As described below, the offers on the path 110 represent potential offers that the player receives by landing on a position displaying the offer. The game displays the accumulated offer in the offer indicator 100. The offers displayed clockwise along the path 110 do not have to sequentially increase and can alternate in value or maintain any relative value distribution desired by the implementor. The implementor can also include any desired values, which can correspond to numbers of game credits, multiplier numbers, numbers corresponding to an amount of selections from a prize pool, or any

Furthermore, although the processor 38 and memory device 40 preferably reside on each gaming device 10 unit, it is possible to provide some or all of their functions at a central location such as a network server for communication to a playing station such as over a local area network (LAN), wide area network (WAN), Internet connection, microwave link, and the like. The processor 38 and memory device 40 is generally referred to herein as the "computer" or the "controller."

With reference to Figs. 1A, 1B and 2, to operate the gaming device 10 in one embodiment the player must insert the appropriate amount of money or tokens at coin slot 12 or bill acceptor 14 and then pull the arm 18 or push the play button 20. The reels 34 will then begin to spin. Eventually, the reels 34 will come to a stop. As long as the player has credits remaining, the player can spin the reels 34 again. Depending upon where the reels 34 stop, the player may or may not win additional credits.

In addition to winning credits in this manner, preferably gaming device 10 also gives players the opportunity to win credits in a bonus round. This type of gaming device 10 will include a program which will automatically begin a bonus round when the player has achieved a qualifying condition in the game. This qualifying condition can be a particular arrangement of indicia on a display device. The gaming device 10 preferably uses a video-based central display device 30 to enable the player to play the bonus round. Preferably, the qualifying condition is a predetermined combination of indicia appearing on a plurality of reels 34. As illustrated in the five reel slot game shown in Figs. 1A and 1B, the qualifying condition could be the number seven appearing on three adjacent reels 34 along a payline 56. It should be appreciated that the present invention can include one or more paylines, such as payline 56, wherein the paylines can be horizontal, diagonal or any combination thereof.

#### Displays and Tables

Referring now to Fig. 3, the display device 30 or 32 illustrating one preferred embodiment of the present invention, includes an offer display or indicator 100, a consolation award display or indicator 102, a start button or selector 104, an accept or keep button or selector 106, a reject or continue button or selector 108, and a path 110 having eight different positions 112

form, the display device for the video reels 34 is preferably a video monitor.

Each reel 34 displays a plurality of indicia such as bells, hearts, fruits, numbers, letters, bars or other images which preferably correspond to a theme associated with the gaming device 10. Furthermore, gaming device 10  
5 preferably includes speakers 36 for making sounds or playing music.

As illustrated in Fig. 2, the general electronic configuration of gaming device 10 preferably includes: a processor 38; a memory device 40 for storing program code or other data; a central display device 30; an upper display device 32; a sound card 42; a plurality of speakers 36; and one or more input  
10 devices 44. The processor 38 is preferably a microprocessor or microcontroller-based platform which is capable of displaying images, symbols and other indicia such as images of people, characters, places, things and faces of cards. The memory device 40 can include random access memory (RAM) 46 for storing event data or other data generated or used during a particular game. The  
15 memory device 40 can also include read only memory (ROM) 48 for storing program code which controls the gaming device 10 so that it plays a particular game in accordance with applicable game rules and pay tables.

As illustrated in Fig. 2, the player preferably uses the input devices 44, such as pull arm 18, play button 20, the bet one button 24 and the cash out  
20 button 26 to input signals into gaming device 10. In certain instances it is preferable to use a touch screen 50 and an associated touch screen controller 52 instead of a conventional video monitor display device. Touch screen 50 and touch screen controller 52 are connected to a video controller 54 and processor 38. A player can make decisions and input signals into the gaming  
25 device 10 by touching touch screen 50 at the appropriate places. As further illustrated in Fig. 2, the processor 38 can be connected to coin slot 12 or bill acceptor 14. The processor 38 can be programmed to require a player to deposit a certain amount of money in order to start the game.

It should be appreciated that although a processor 38 and memory  
30 device 40 are preferable implementations of the present invention, the present invention can also be implemented using one or more application-specific integrated circuits (ASIC's) or other hard-wired devices, or using mechanical devices (collectively or alternatively referred to herein as a "processor").



As illustrated in Figs. 1A and 1B, gaming device 10 includes a coin slot 12 and bill acceptor 14 where the player inserts money, coins or tokens. The player can place coins in the coin slot 12 or paper money or a ticket voucher in the bill acceptor 14. Other devices could be used for accepting payment such as readers or validators for credit cards or debit cards. When a player inserts money in gaming device 10, a number of credits corresponding to the amount deposited is shown in a credit display 16. After depositing the appropriate amount of money, a player can begin the game by pulling arm 18 or pushing play button 20. Play button 20 can be any play activator used by the player, which starts any game or sequence of events in the gaming device.

As shown in Figs. 1A and 1B, gaming device 10 also includes a bet display 22 and a bet one button 24. The player places a bet by pushing the bet one button 24. The player can increase the bet by one credit each time the player pushes the bet one button 24. When the player pushes the bet one button 24, the number of credits shown in the credit display 16 decreases by one, and the number of credits shown in the bet display 22 increases by one.

A player may cash out and thereby receive a number of coins corresponding to the number of remaining credits by pushing a cash out button 26. When the player cashes out, the player receives the coins in a coin payout tray 28. The gaming device 10 may employ other payout mechanisms such as credit vouchers redeemable by a cashier or electronically recordable cards, which keep track of the player's credits.

Gaming device 10 also includes one or more display devices. The embodiment shown in Fig. 1A includes a central display device 30, and the alternative embodiment shown in Fig. 1B includes a central display device 30 as well as an upper display device 32. Gaming device 10 preferably displays a plurality of reels 34, preferably three to five reels 34 in mechanical or video form at one or more of the display devices. However, it should be appreciated that the display devices can display any visual representation or exhibition, including but not limited to movement of physical objects such as mechanical reels and wheels, dynamic lighting and video images. A display device can be any viewing surface such as glass, a video monitor or screen, a liquid crystal display or any other static or dynamic display mechanism. If the reels 34 are in video

path, wherein the move generator includes a multi-offer symbol and wherein the game multiplies a randomly selected or landed upon offer by the remaining unselected offers.

5 Figs. 34 to 38 are front plan views of a display device illustrating an alternative embodiment of the present invention, having movement along a path, wherein the move generator includes a multi-offer symbol and wherein the game display does not contain any initial terminator positions.

10 Figs. 38 to 41 are front plan views of a display device illustrating a further alternative embodiment of the present invention, having movement along a path, wherein the move generator includes a multi-award symbol.

## DETAILED DESCRIPTION OF THE INVENTION

### Gaming Device and Electronics

Referring now to the drawings, two embodiments of the gaming device of the present invention are illustrated in Figs. 1A and 1B as gaming device 10a and gaming device 10b, respectively. Gaming device 10a and/or gaming device 10b are generally referred to herein as gaming device 10. Gaming device 10 is in one embodiment a slot machine having the controls, displays and features of a conventional slot machine. It is constructed so that a player can operate it while standing or sitting, and gaming device 10 is preferably mounted on a console. However, it should be appreciated that gaming device 10 can be constructed as a pub-style table-top game (not shown) which a player can operate preferably while sitting. Furthermore, gaming device 10 can be constructed with varying cabinet and display designs, as illustrated by the designs shown in Figs. 1A and 1B. Gaming device 10 can also be implemented as a program code stored in a detachable cartridge for operating a hand-held video game device. Also, gaming device 10 can be implemented as a program code stored on a disk or other memory device which a player can use in a desktop or laptop personal computer or other computerized platform.

30 Gaming device 10 can incorporate any primary game such as slot, poker or keno, any of their bonus triggering events and any of their bonus round games. The symbols and indicia used on and in gaming device 10 may be in mechanical, electrical or video form.

invention, wherein the game adds an offer associated with a randomly selected or landed upon position to the remaining unselected offers.

5 Figs. 13 to 17 are front plan views of a display device illustrating an alternative embodiment of the present invention having movement along a path, wherein the game multiplies a randomly selected or landed upon offer by the remaining unselected offers.

Fig. 18 is a front elevational view of a display device illustrating an alternative embodiment of the present invention having an alternative path.

10 Fig. 19 is a front elevational view of a display device illustrating an alternative embodiment of the present invention, wherein the game randomly generates offers without respect to a path or spatial relationship between the award displays.

15 Fig. 20 is a front elevational view of a display device illustrating an alternative embodiment of the present invention, wherein the game randomly generates offers without respect to a path or spatial relationship between the offer displays, and wherein the game includes awarding a reselected offer rather than a consolation award.

Fig. 21 is a front plan view of a display device illustrating an offer/acceptance path of an alternative embodiment of the present invention.

20 Fig. 22 is a table illustrating one possible method for initially supplying offers in the alternative embodiment of Fig. 21.

Fig. 23 is a table illustrating one possible method for supplying consolation award values in the alternative embodiment of Fig. 21.

25 Fig. 24 is a table illustrating one possible method for supplying a randomly generated number of position moves along a path in the alternative embodiment of Fig. 21.

30 Figs. 25 to 29 are front plan views of a display device illustrating example movements along the path of an alternative embodiment of the present inventions, wherein the move generator includes a multi-offer symbol and the game adds an offer associated with a randomly selected or landed upon position to the remaining unselected offers.

Figs. 30 to 33 are front plan views of a display device illustrating an alternative embodiment of the present invention, having movement along a

Another advantage of the present invention is to provide a gaming device having an improved offer/acceptance bonus game, wherein the game adds the value of selected offers to remaining selectable offers.

5 A further advantage of the present invention is to provide an enclosed path offer/acceptance bonus game.

Yet another advantage of the present invention is to provide an improved offer/acceptance bonus game, wherein the game provides sequentially increasing consolation awards.

10 Additional features and advantages of the present invention are described in, and will be apparent from, the following Detailed Description of the Invention and the figures.

#### BRIEF DESCRIPTION OF THE FIGURES

Fig. 1A is a front-side perspective view of one embodiment of the gaming device of the present invention.

15 Fig. 1B is a front-side perspective view of another embodiment of the gaming device of the present invention.

Fig. 2 is a schematic block diagram of the electronic configuration of one embodiment of the gaming device of the present invention.

20 Fig. 3 is a front plan view of a display device illustrating an offer/acceptance path of one preferred embodiment of the present invention.

Fig. 4 is a table illustrating one possible method for initially supplying offers for one embodiment of the present invention.

Fig. 5 is a table illustrating one possible method for supplying consolation award values for one embodiment of the present invention.

25 Fig. 6 is a table illustrating one possible method for supplying a randomly generated number of position moves along a path of one embodiment of the present invention.

Fig. 7 is a flow diagram of the method of the preferred embodiment of the present invention.

30 Figs. 7A and 7B are flow diagrams depicting the method of an alternative embodiment of the present invention.

Figs. 8 to 12 are front plan views of a display device illustrating example movements along the path of the preferred embodiment of the present

offer. The further alternative embodiment does not include a consolation award, such that when the player generates the same offer for a second time, or some other termination occurs, the game ends and the player receives the reselected offer.

5           In a further embodiment of the present invention, a gaming device and specifically a bonus round of a gaming device is provided wherein the move generator further includes a multi-offer symbol which when randomly generated provides an offer to the player which includes two or more of the offers displayed in the positions. In one embodiment, the number of offer positions  
10 included in this multi-offer offer may be related to any two or more of the previously unmarked positions. In a preferred embodiment, the bonus multi-offer offer includes the offers or values associated with all the ungenerated positions between the previous position and the next terminator position, moving in a defined direction along the path of display positions. If there are no  
15 ungenerated spaces between the previous position and the next terminator position, the multi-offer offer provided to the player may be the previous offer or, alternatively, a consolation offer or award. If there are no terminator positions, then the offer will be the sum of all of the ungenerated positions on the display device. This embodiment preferably contains one or more terminator positions  
20 interspersed between the offer containing positions, which serve as markers for determining the award offered when the multi-offer symbol is generated by the move generator. Alternatively, any terminator or previously selected position may serve as such a terminator or marker.

          It should also be appreciated that the game could provide a limited  
25 number of movements and that the path could be functionally linear so that the player could only play through the path once. In this embodiment, certain positions could be consolation awards or even terminators instead of accumulating offers.

          It is therefore an advantage of the present invention to provide a gaming  
30 device having an improved offer/acceptance bonus game, wherein the player sequentially risks increasingly higher achieved offers for increasingly higher offers.

with a suitable consolation award. The game maintains a database, which preferably has a value for each turn or attempt at an offer upgrade or increase. In one embodiment, the game displays at least one of the consolation awards to the player, which can also figure into the player's decision to accept an offer or  
5 continue and try for an offer upgrade. The consolation awards preferably increase as the player progresses through the bonus round. Alternatively, the consolation awards may be determined in any suitable manner. For instance, the consolation awards may depend on the probability of landing on a marked position or an increased offer position, or may increase in the order of  
10 appearance of the consolation awards.

The game includes any enclosed or functionally circular path having any shape, any number of positions and any suitable method of random generation. In one preferred embodiment, the present invention provides a circular, rectangular or square shaped path having eight to twelve different positions and  
15 a random number generator that can generate any number one through six, or one roll of a die. In this embodiment, the game cannot complete the enclosed path upon one random number generation. Alternatively, the game includes generating any maximum position movement desired by the implementor. For instance, the game includes generating any number two through twelve, or one  
20 roll of two dice.

As indicated above, the present invention includes alternative embodiments that do not include a path, wherein the game does not randomly select awards based upon any spatial relationship between any two or more offers. Upon generation of an offer, the game updates any previously  
25 unselected offer with the generated offer. The alternative embodiment includes a sequentially increasing consolation award, such that when the player generates the same offer for a second time, the game ends and the player receives the consolation award.

The present invention includes a further alternative embodiment that  
30 does not include a path, wherein the game does not randomly select offers based upon any spatial relationship between any two or more offers and wherein the game does not include a consolation award. Upon generation of an offer, the game updates any previously unselected offers with the generated

The present invention further includes updating or changing the values of the unmarked or unselected positions along the enclosed or functionally circular path. The game preferably changes, and preferably increases or adds to each unmarked or unselected position the value of the offer of a previously selected position. That is, when the game randomly selects an unmarked position, the game provides the player with an offer, wherein the game preferably replaces a previously accrued offer with the offer of the newly selected position. The game also preferably adds the new offer to the offer associated with each and every unselected or unmarked position. Thus, at any given time, each offer bearing position has accumulated each and every offer provided to the player, and the game therefore replaces the potential offers as the game proceeds along the path. It should be appreciated that the game could alternatively use other suitable offer modification methods, such as changing the potential offers based on potential offers not previously made to the player, randomly increasing the offers, and increasing the offers using predetermined amounts.

When the game randomly selects a previously selected or marked position, the game of the present invention preferably ends and provides the player an award that is lower than the offer associated with the previously selected position. Accordingly, the game provides an accept or reject option to the player after each random position selection, so that the player can keep a currently achieved offer and end the game.

The game thus presents the player with an option to keep a currently achieved offer which (as described above) is in an accumulated offer, or continue and risk forfeiting the currently achieved offer. The player determines whether the remaining replacement offers are worth trying for, taking into account the number and relative position of the previously selected offers. The game provides suitable accept or reject selectors that are mechanical or areas of a touch screen video monitor.

The game also preferably maintains a consolation database containing one or more awards, one of which the game provides to the player after the player unsuccessfully tries to upgrade the offer made to the player. That is, when the game randomly selects a marked or previously selected position and the player forfeits the currently achieved offer, the game provides the player

least one, and in one embodiment all, of the other offers in the first set of offers, thereby forming a second set of potential offers. The game then randomly selects an offer to make to the player from the second set of offers, which includes at least one, and in one embodiment all, of the offers modified based  
5 on the first offer rejected by the player. Such offers may be modified by adding the rejected offer to the potential offer or may otherwise be modified by changing the offer based on the rejected offer.

As indicated above, in one embodiment, the second set of offers includes each offer in the first set plus the value of the offer made to the player from the  
10 first set. In one embodiment, the offer made to the player in the first set is thereafter not included in the second set. Accordingly, the present invention provides for subsequent potential offers made to the player based on modifications of previous offers made to the player and rejected by the player. It should be appreciated that the subsequent offers could alternatively be  
15 modified based on a previous offer even if such offer was not made to the player.

One preferred embodiment of the present invention provides a gaming device and specifically a bonus round of a gaming device, in which the offers in the sets of offers are displayed to the player in positions. The player initiates  
20 the selection of a randomly generated number. The number determines the number of positions that a position marker will move along an enclosed path. Each time the marker lands upon a previously unmarked position, the game makes an offer to the player which is associated with that position. When the marker lands upon a previously marked or selected position (i.e., a position  
25 where an offer was previously made to the player), the game ends.

The game preferably reveals all available offers to the player at all times. The game suitably marks a position after the position marker lands on it and may, but preferably does not, continue to reveal the offer associated with the marked position. The present invention preferably employs a video monitor so  
30 that the game displays a simulated enclosed path having simulated positions, reveals and masks offers and marks randomly selected or landed upon positions. Alternatively, the gaming device may employ suitable lights and display meters or other suitable mechanical devices.



of enjoyment and excitement from the bonus round is thus limited.

The second known game has even less player interaction. The game completely determines the bonus round award, and the player has no effect on the outcome. The player is a mere observer to the bonus round sequence and participates only by receiving an award. In both games, the player is not prompted to calculate, weigh options, or explore any consequences of any action. To increase player excitement and enjoyment, it is desirable to provide a gaming device, and more specifically a bonus round of a gaming device, which prompts a player to calculate, weigh options and explore the consequences of the player's selection.

Another type of game enables players to accept or decline multiple award offers. TOP DOLLAR™, which is manufactured and distributed by the assignee of this application, provides the player with three offers and a final award. When an offer is given, the player may accept or reject it by pushing an accept button or indicator or a reject button or indicator, respectively. If the player accepts an offer, the player receives the accepted bonus amount and the bonus round terminates. If the player declines an offer, the game generates another offer for the player.

In the known offer/acceptance game, when the player rejects an offer, the player attempts to switch a current or guaranteed award for a higher value award. The game may instead provide a lower award. The game thus creates a risk for the player. The player does not have an opportunity to accumulate awards or offers. Enabling a player to accumulate awards or offers provides excitement and enjoyment to a player. A need therefore exists to provide an offer/acceptance game that enables a player to weigh options and explore the consequences of the player's selection and that enables a player to accumulate the awards or offers.

## SUMMARY OF THE INVENTION

The gaming device of the present invention includes an improved offer and acceptance bonus game having a plurality of related sets of potential offers. The game randomly selects an offer to make to the player from a first set of potential or possible offers. The player may accept or reject this offer. If the player rejects the offer from the first set, the game uses that offer to modify at

**SPECIFICATION**

## TITLE OF THE INVENTION

**"GAMING DEVICE HAVING AN OFFER/ACCEPTANCE GAME WITH  
MULTI-OFFER SYMBOL"**

5

## BACKGROUND OF THE INVENTION

Gaming devices currently exist with games and specifically bonus games in which a player has one or more opportunities to select masked bonus awards from a group of masked awards displayed to the player. When the player  
10 selects a masked award, the player receives the value of the award, and the game typically displays a message that the player may continue and enables the player to select another masked award. The player then selects another masked award, and the process continues until the player selects a masked terminator. European Patent Application No. EP 0 945 837 A2 filed on March  
15 18, 1999 and assigned on its face to WMS Gaming, Inc. discloses a bonus scheme of this type.

Gaming machines also currently exist in which the game selects or determines the player's award. PCT application number PCT/AU97/00121 entitled, Slot Machine Game with Roaming Wild Card, published on September  
20 4, 1997, discloses this type of game. This application discloses a slot machine having a video display displaying a plurality of rotatable reels with game symbols. When the player receives a triggering symbol or combination, the game produces a bonus symbol. The bonus symbol moves from game symbol to game symbol temporarily changing the game symbol to a bonus symbol. If  
25 the change results in a winning combination, the player receives an award.

In the first known game, the player blindly selects masked awards until selecting the bonus terminator, which is immediately displayed. The player knows nothing about the location of any particular award, and there is no logical incentive to select any particular masked award as opposed to any another  
30 masked award. Choosing a masked award also poses no risk to a previously accumulated award. That is, there is no incentive to stop selecting. The only course of action is for the player to continue selecting until the player selects a terminator. The player's involvement in the bonus round and the player's level

30,32

FIG. 41

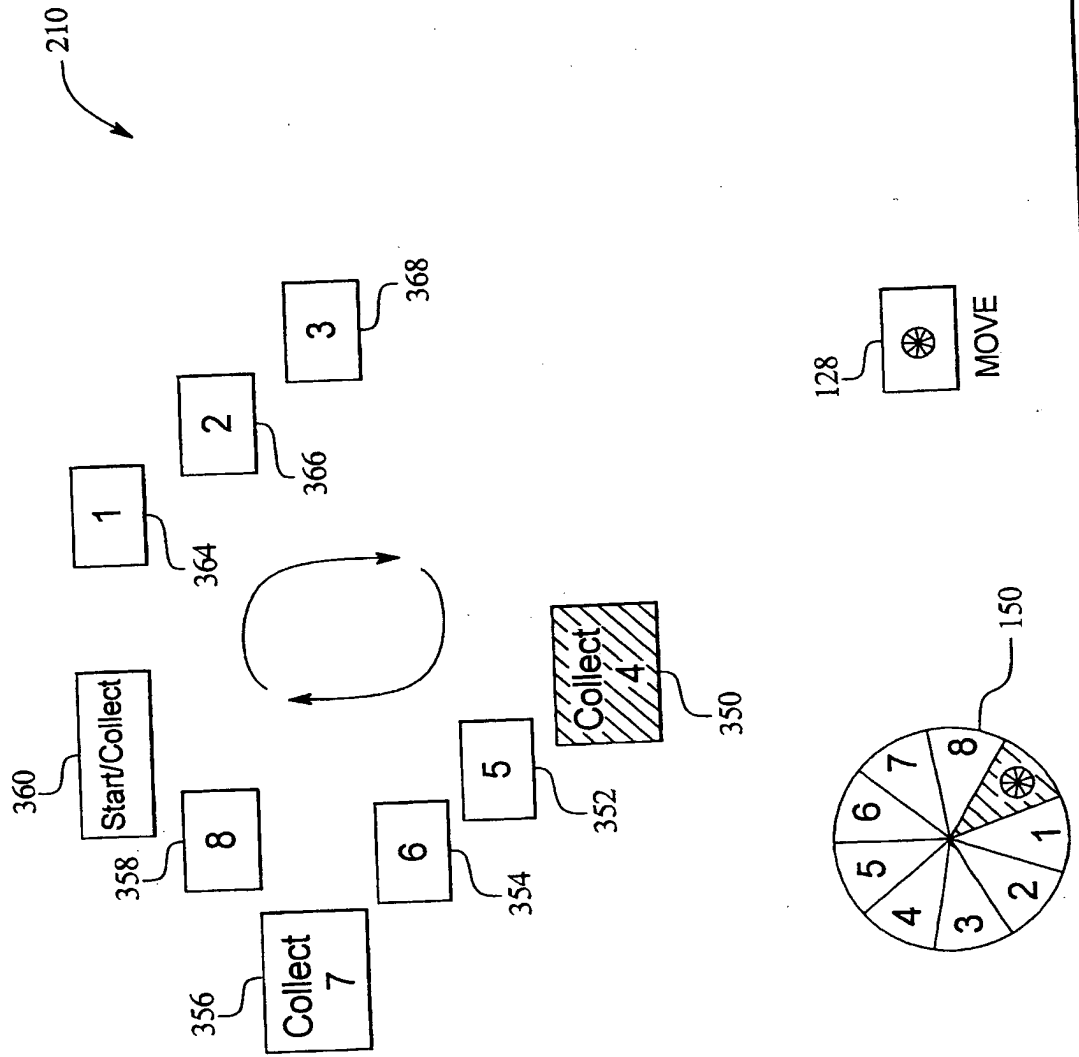


FIG. 40

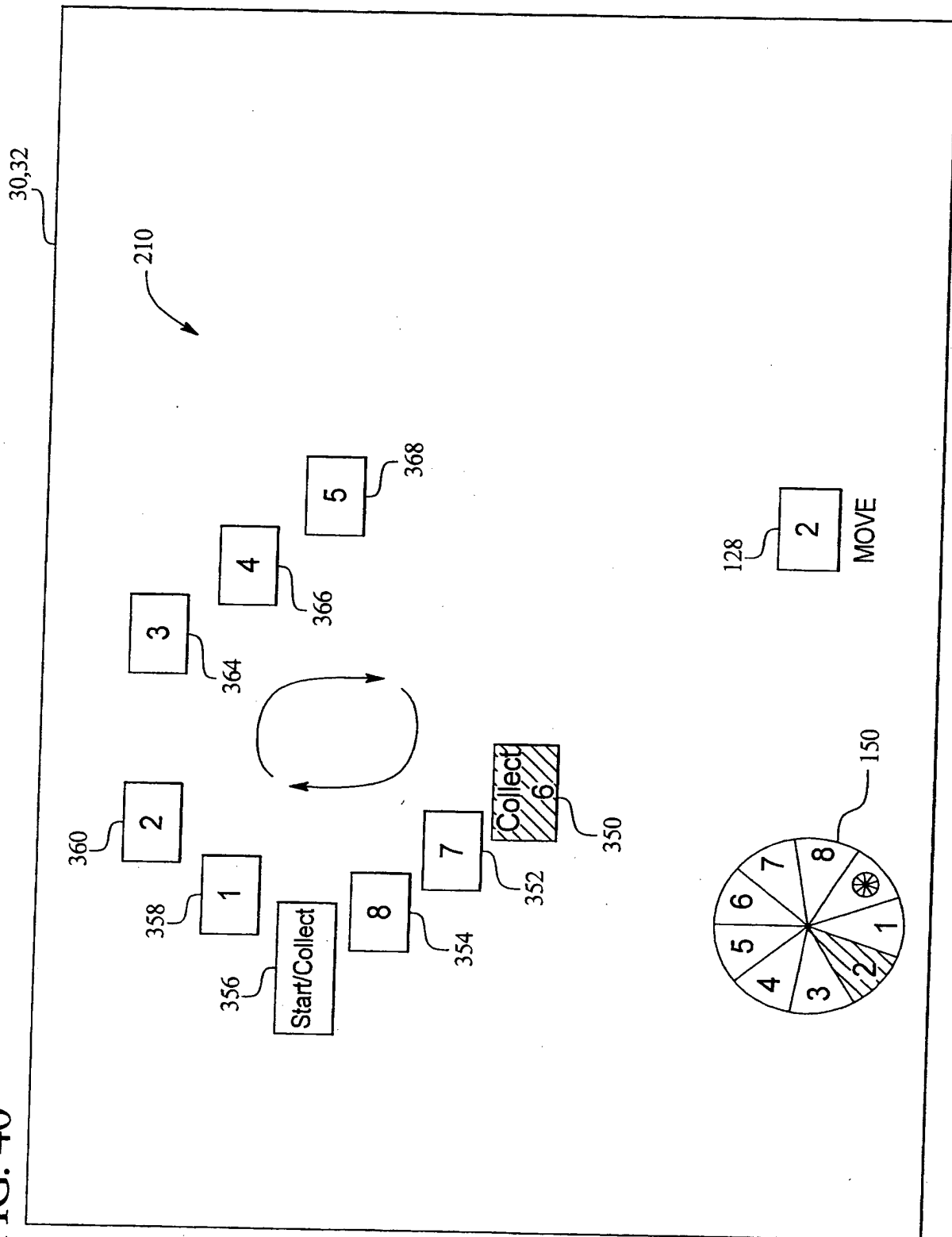


FIG. 39

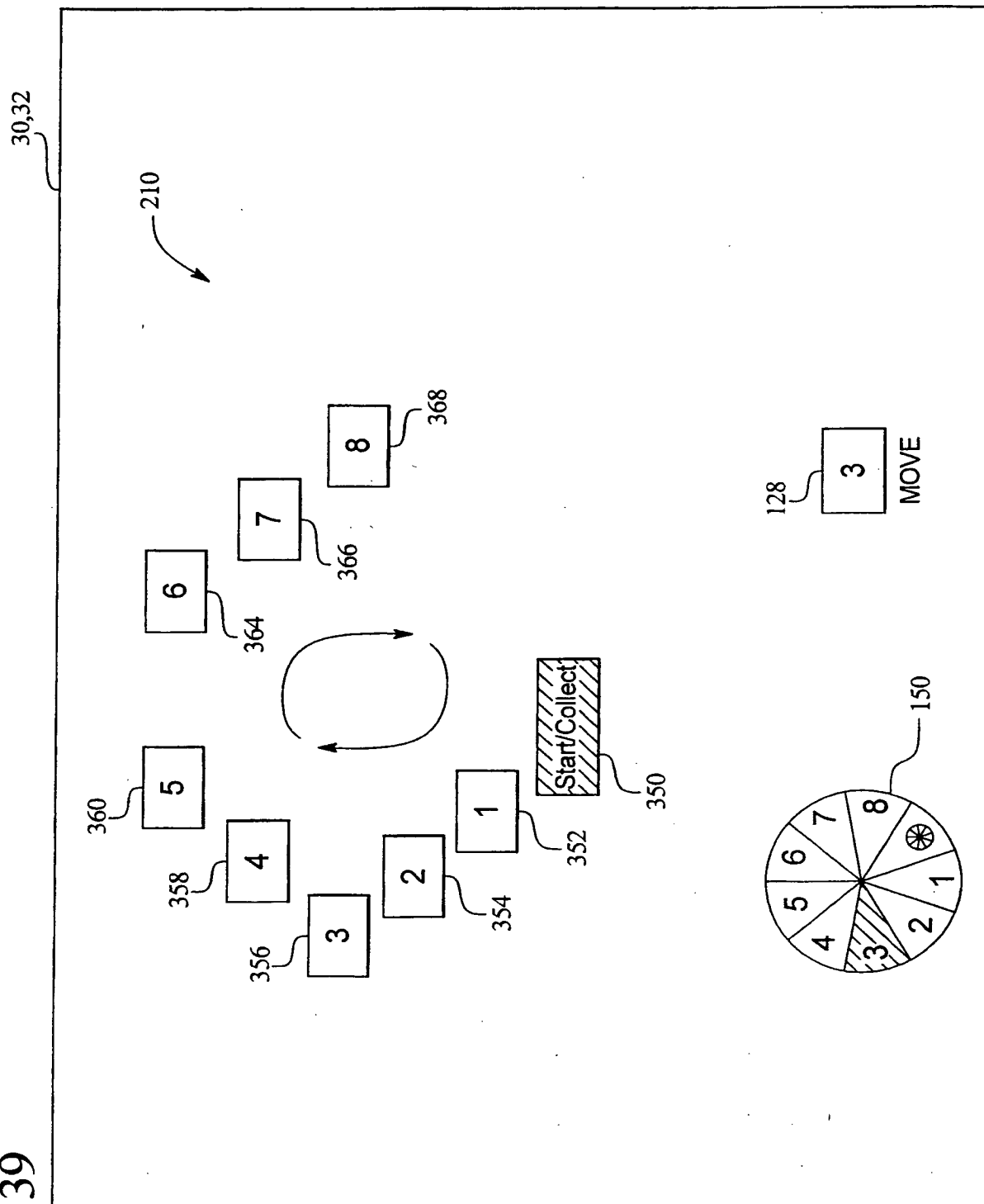
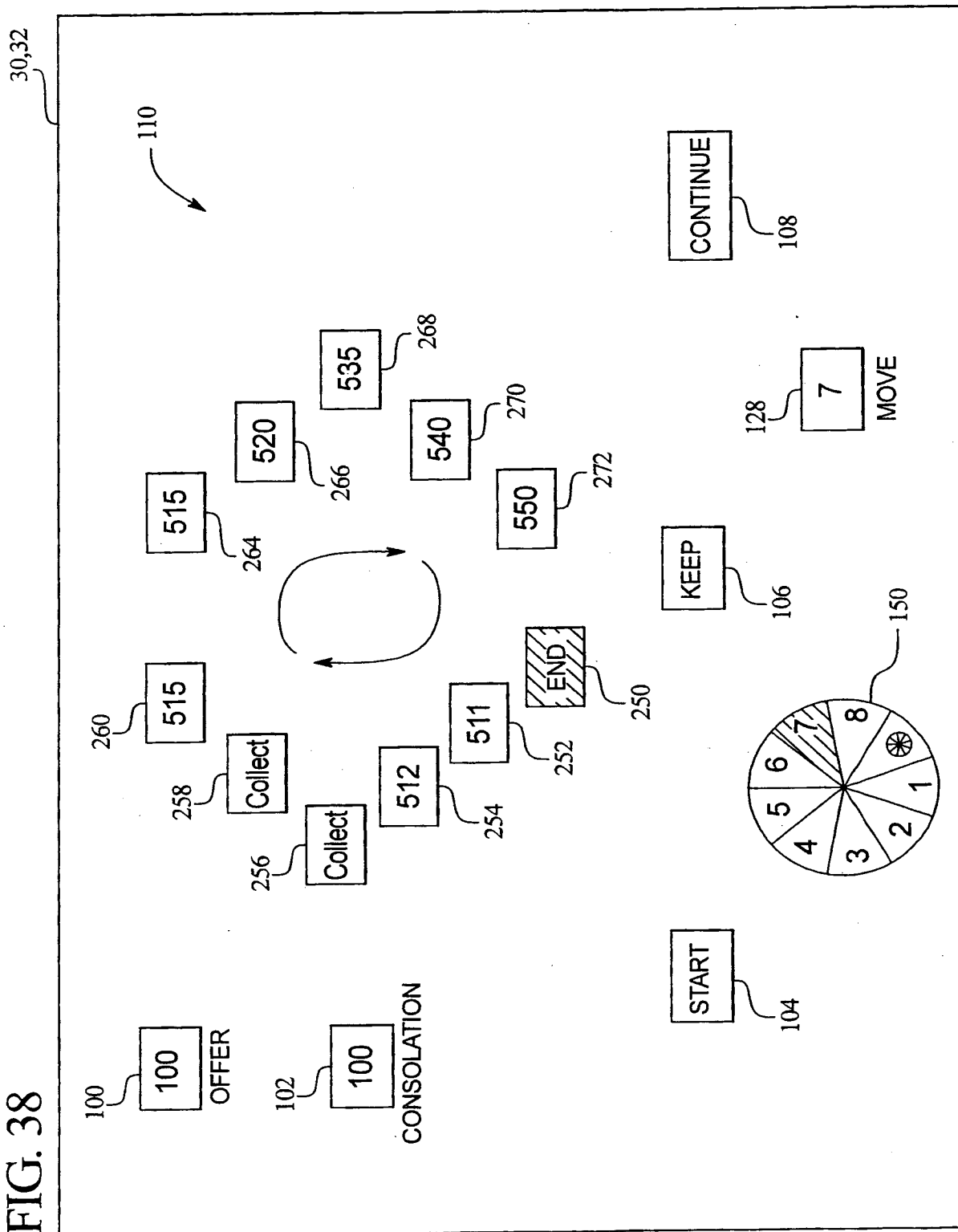


FIG. 38



30,32

FIG. 37

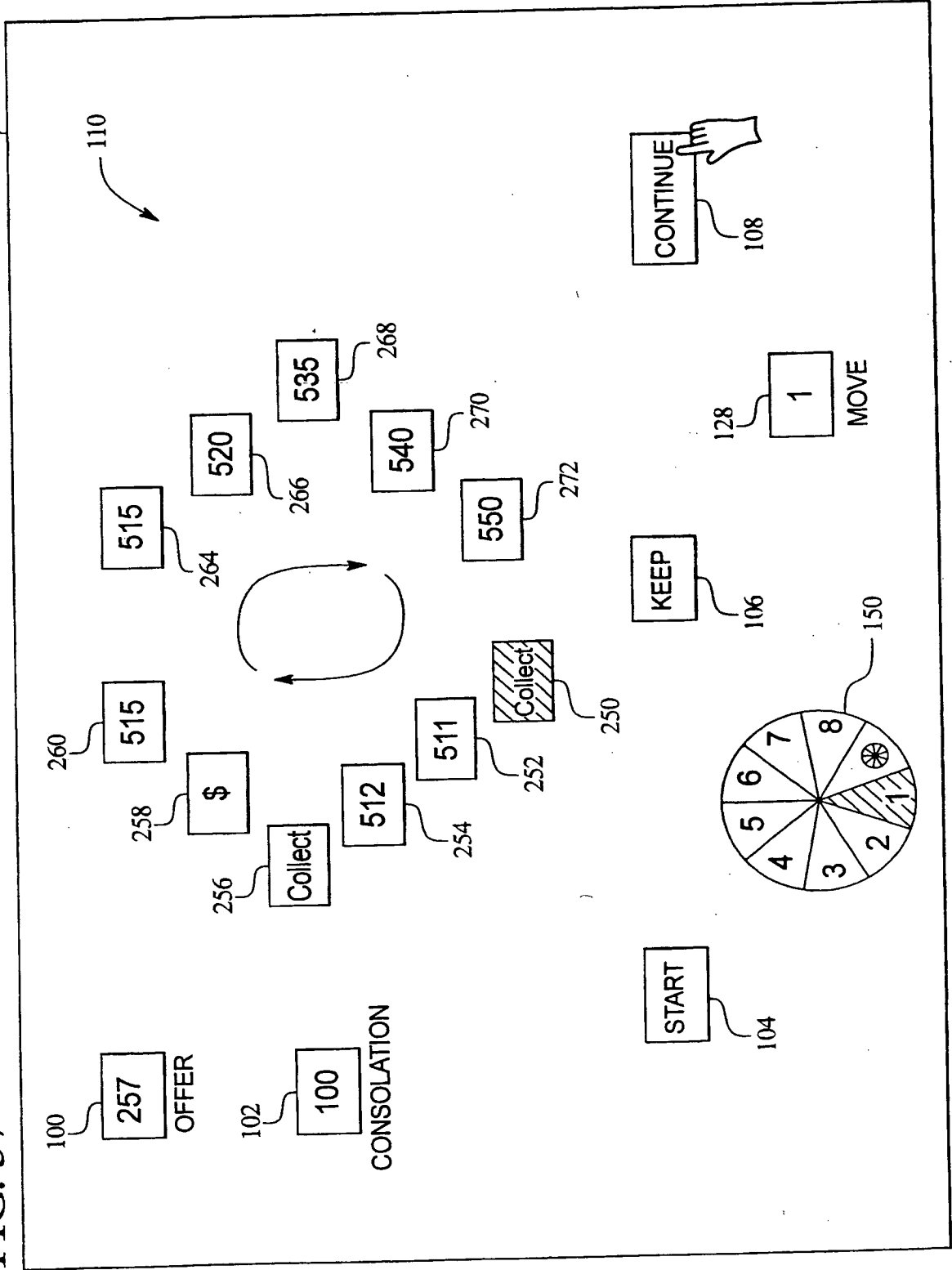
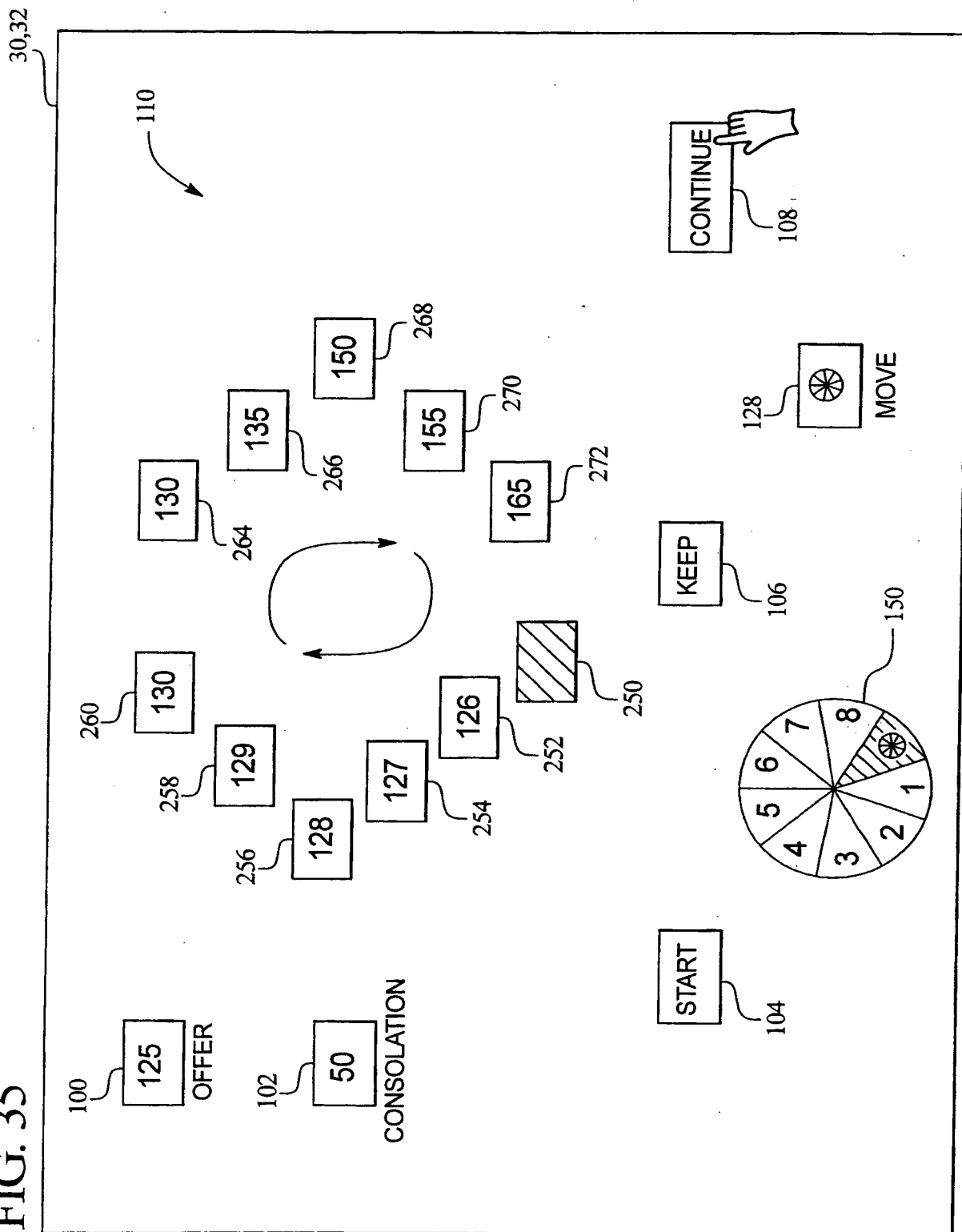




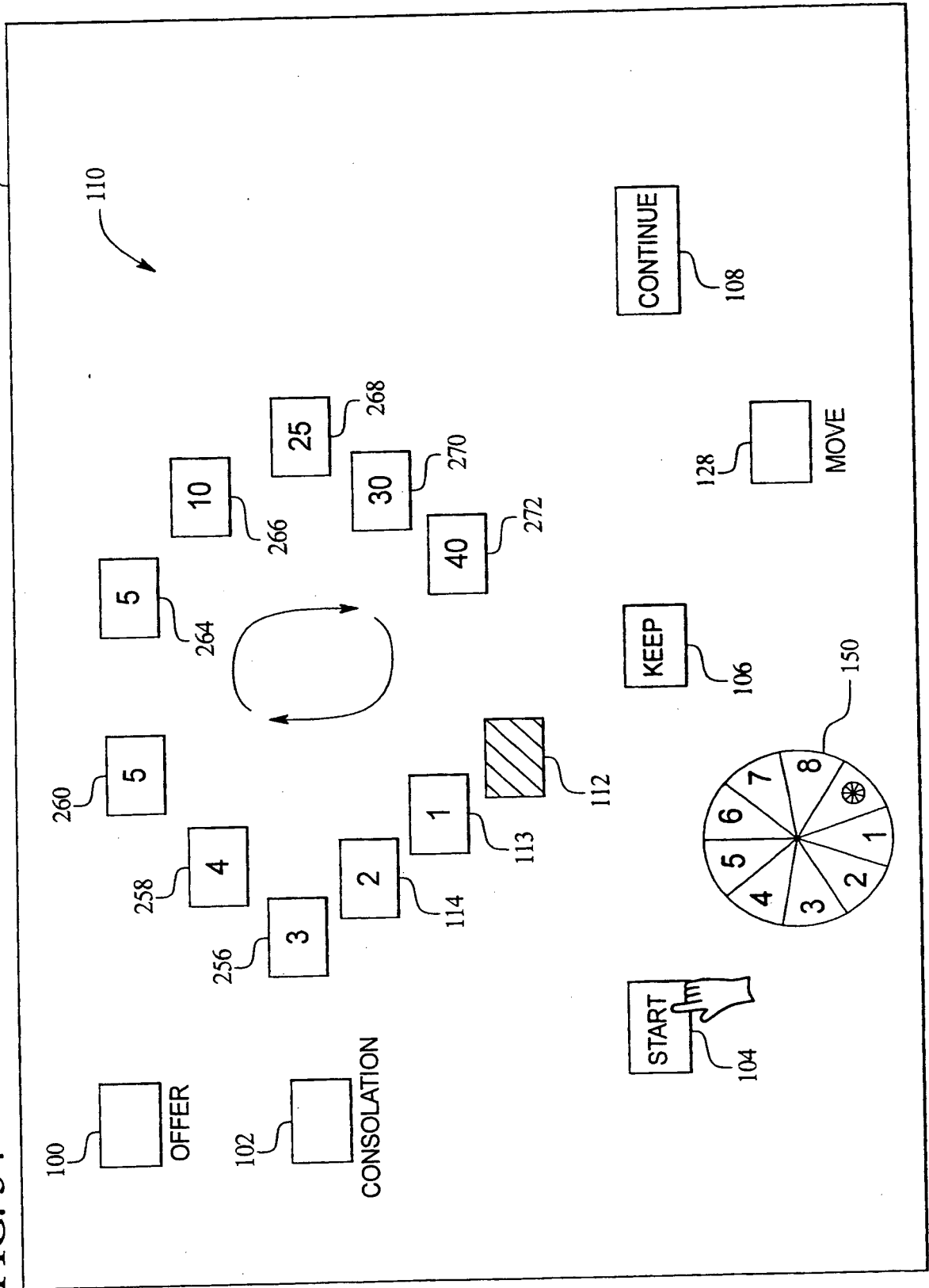


FIG. 35



30,32

FIG. 34



100

10

OFFER

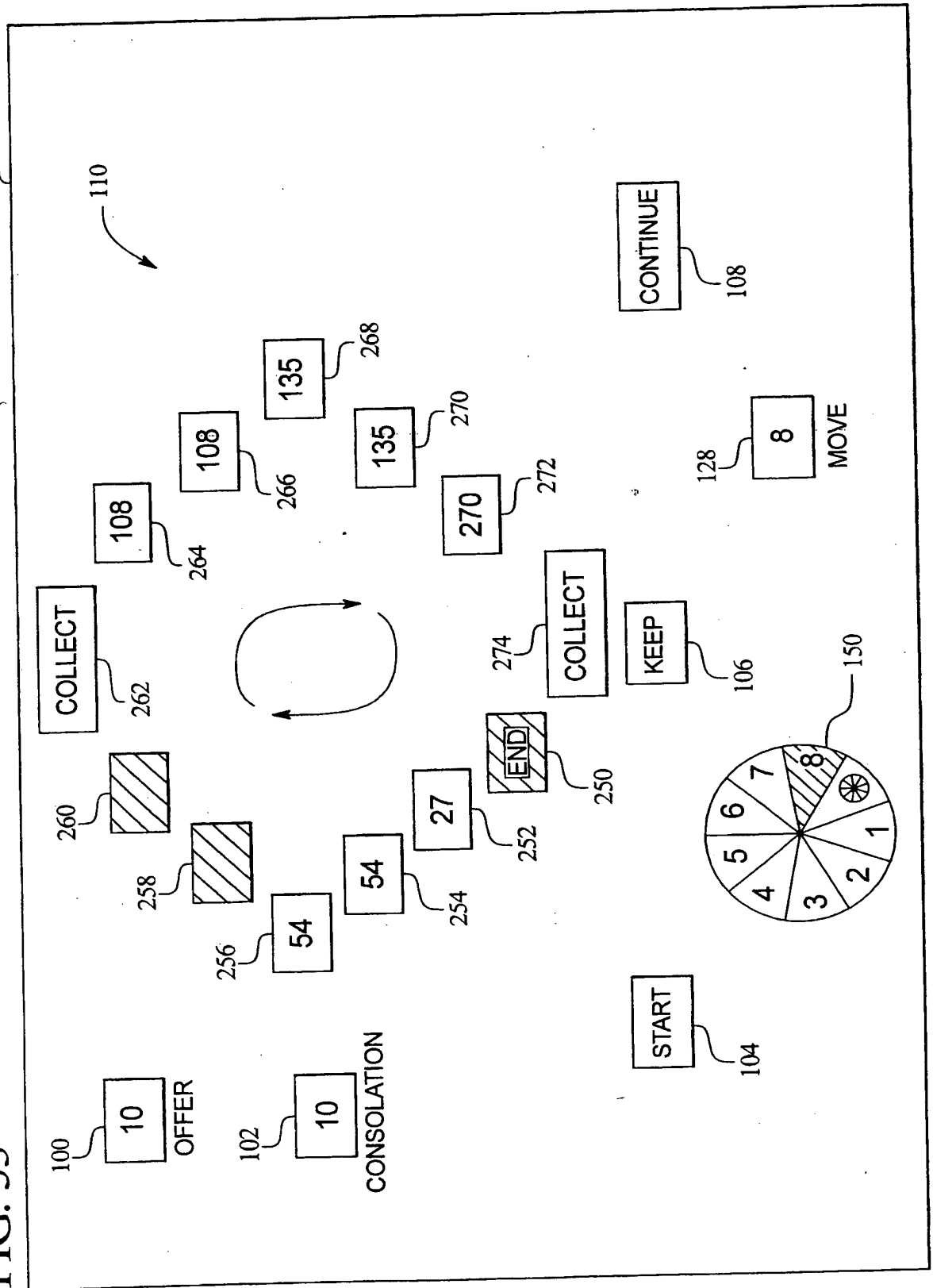
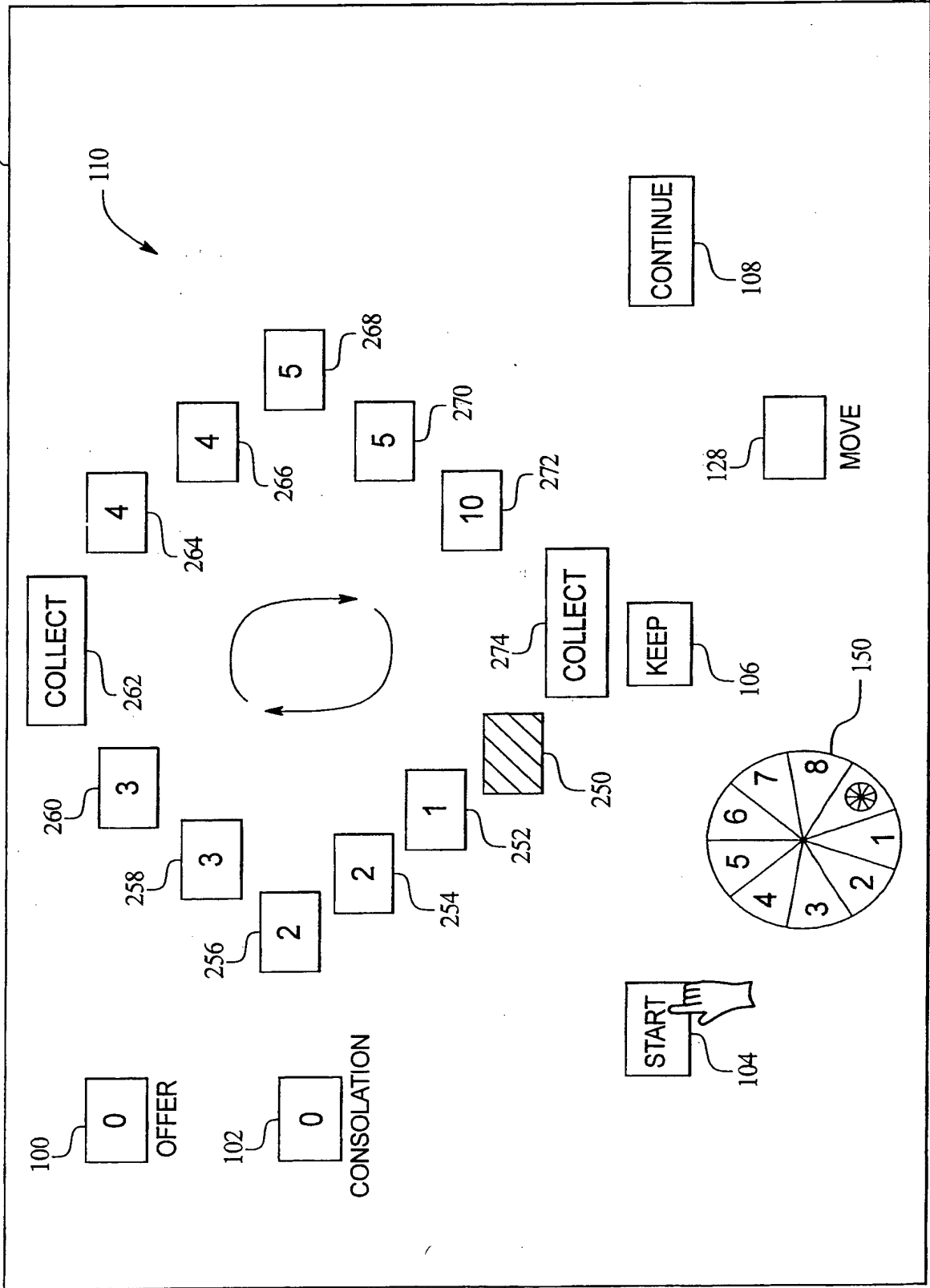






FIG. 30

30,32



30,32

FIG. 29

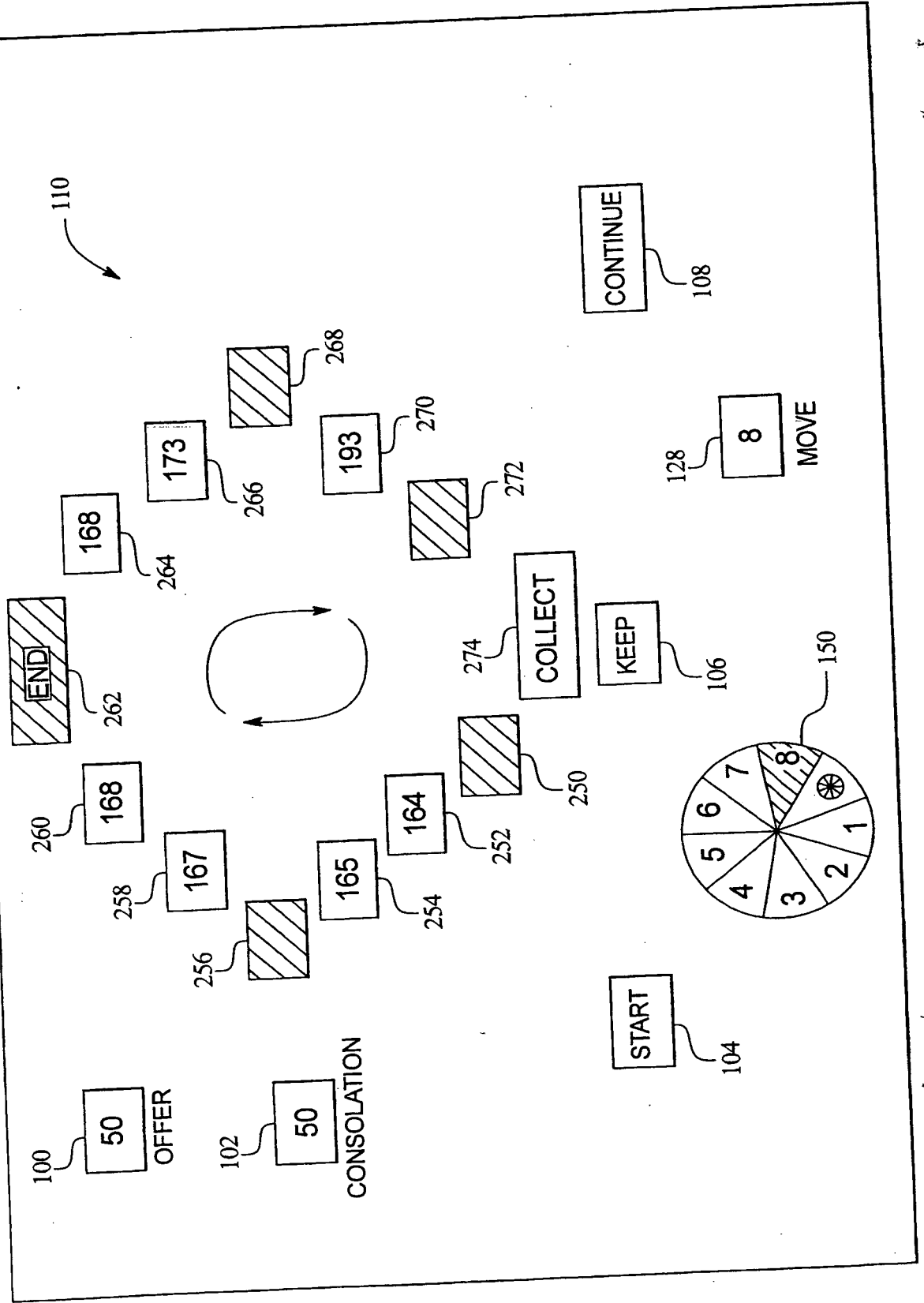
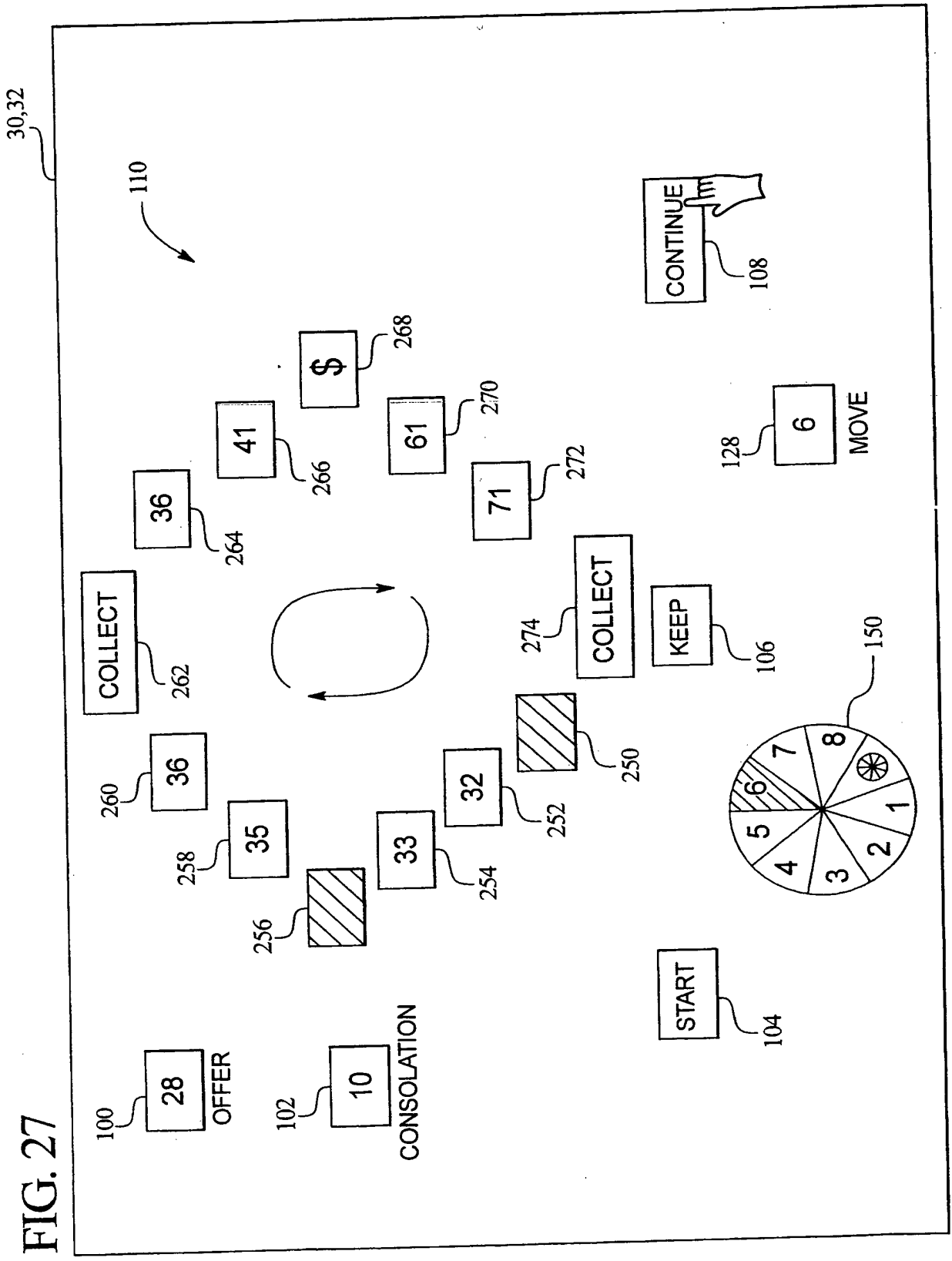






FIG. 27





30,32

FIG. 25

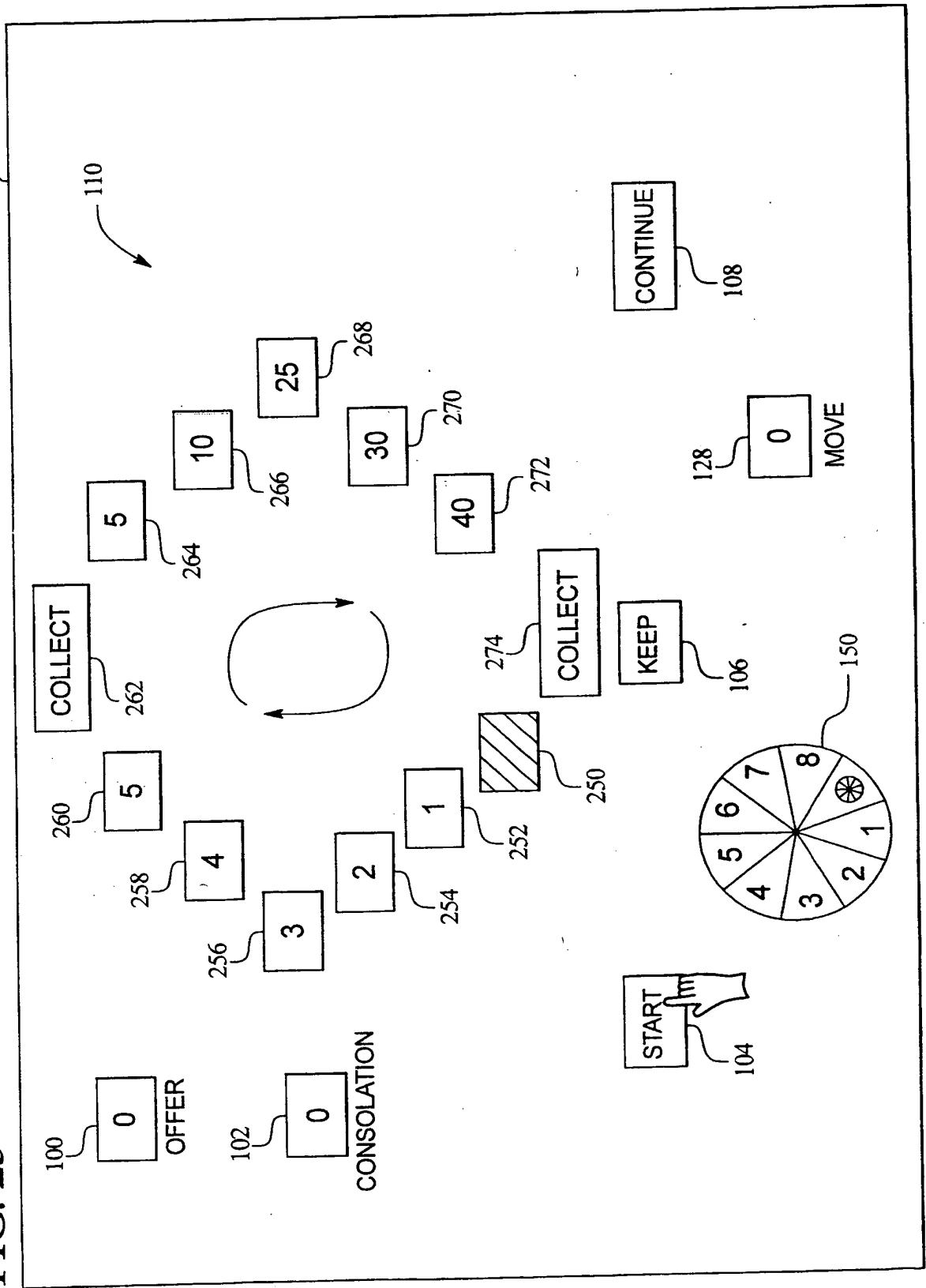


FIG. 22

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FIG. 23

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FIG. 24

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FIG. 21

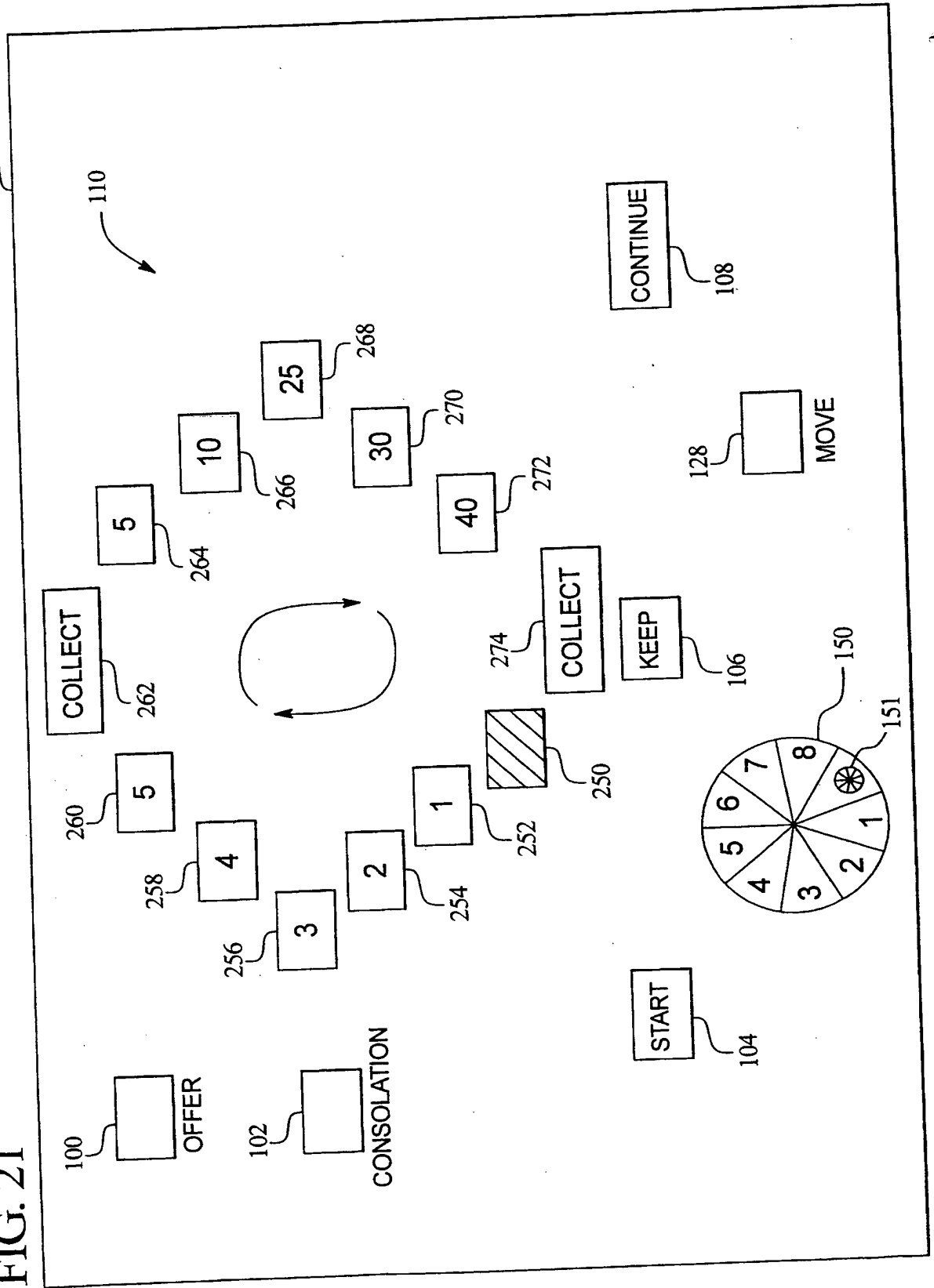


FIG.19

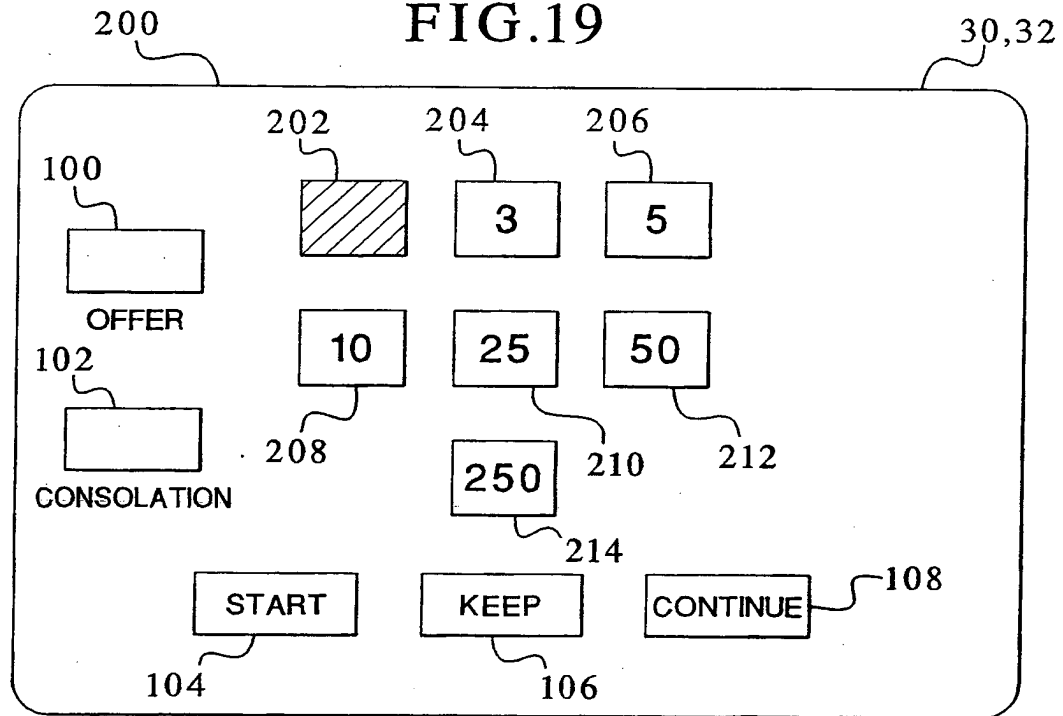


FIG.20

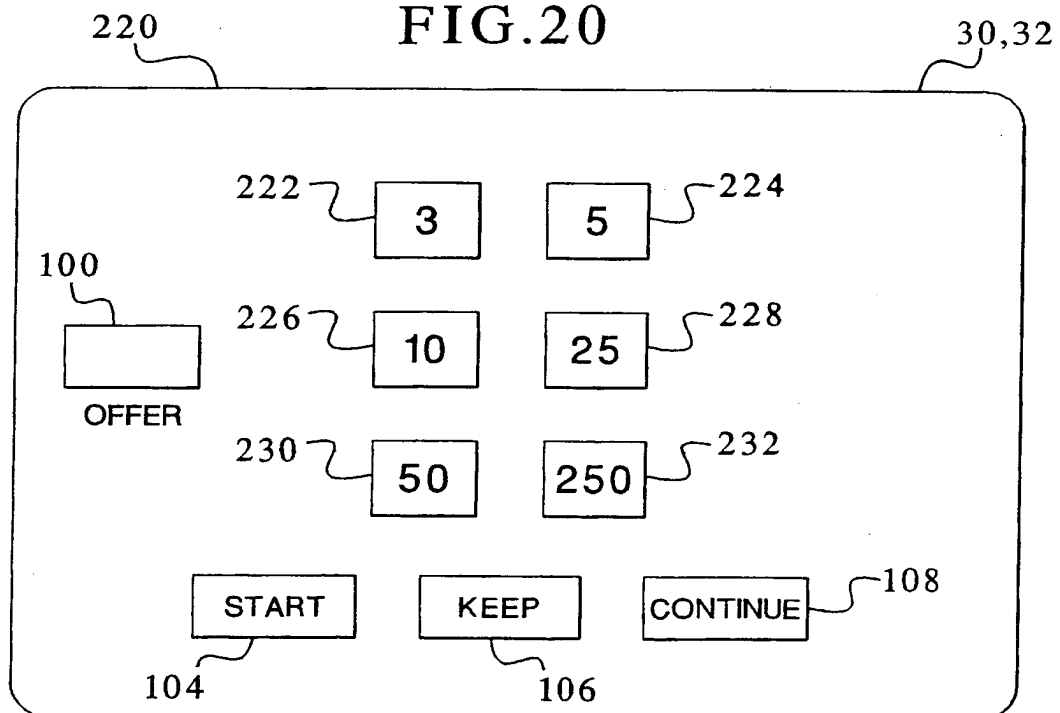


FIG.17

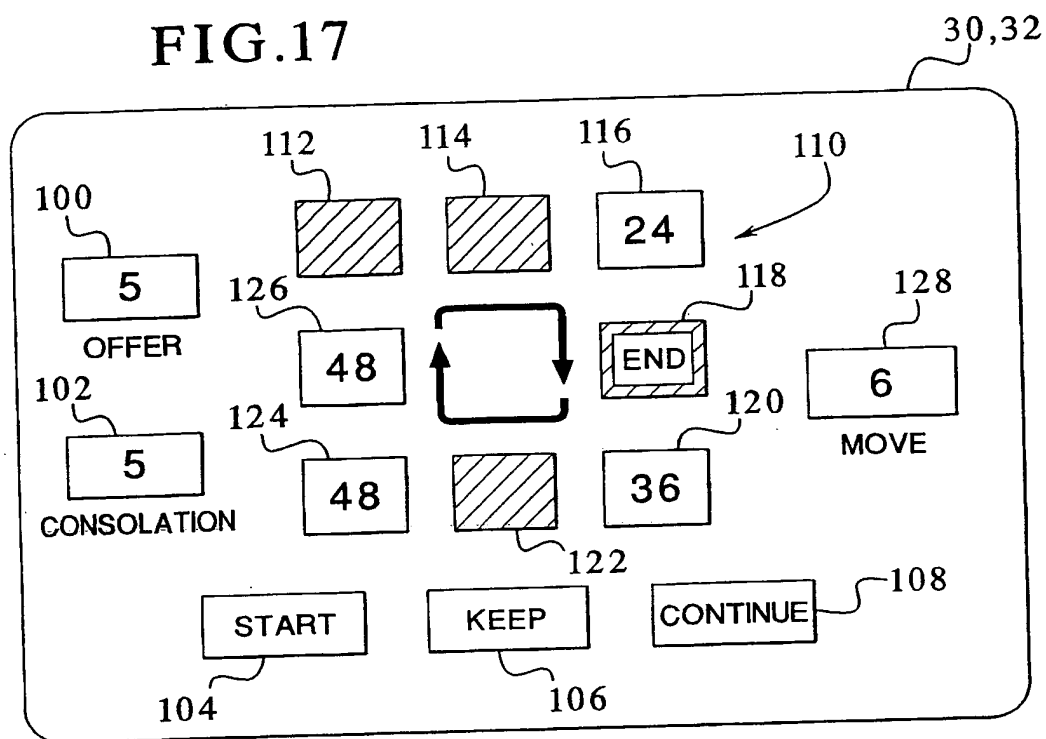


FIG.18

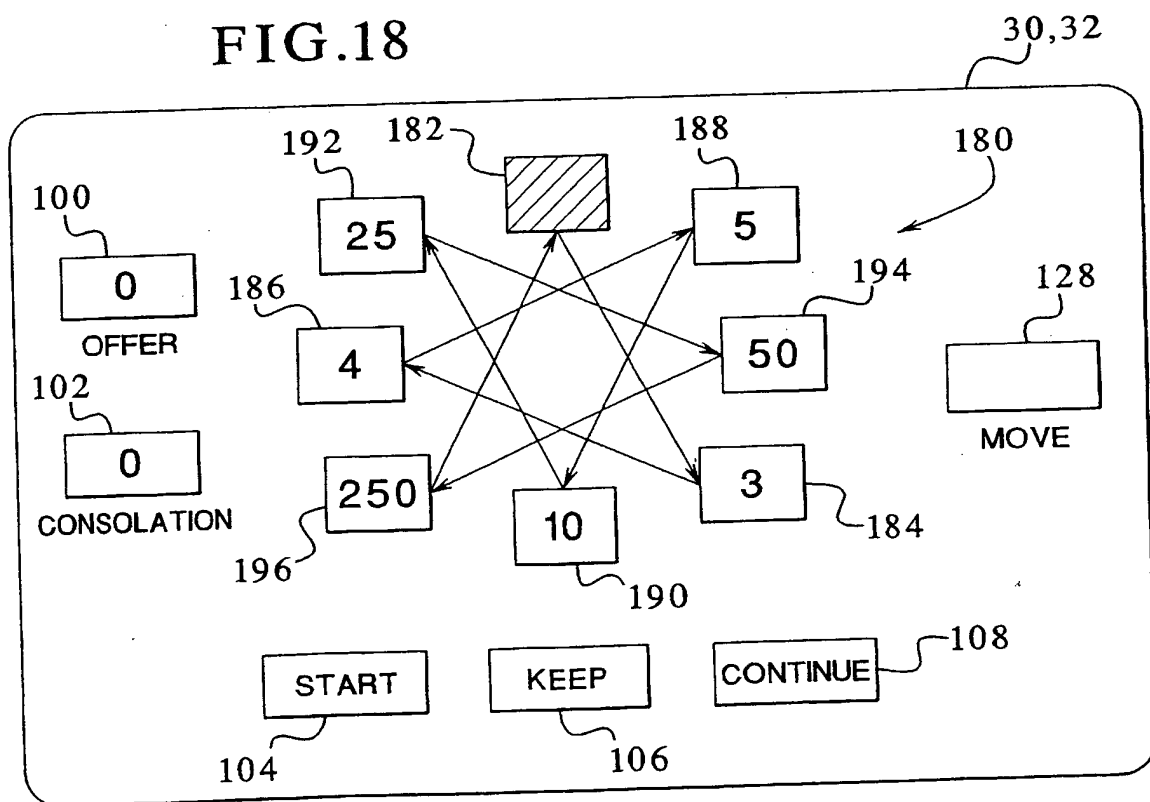
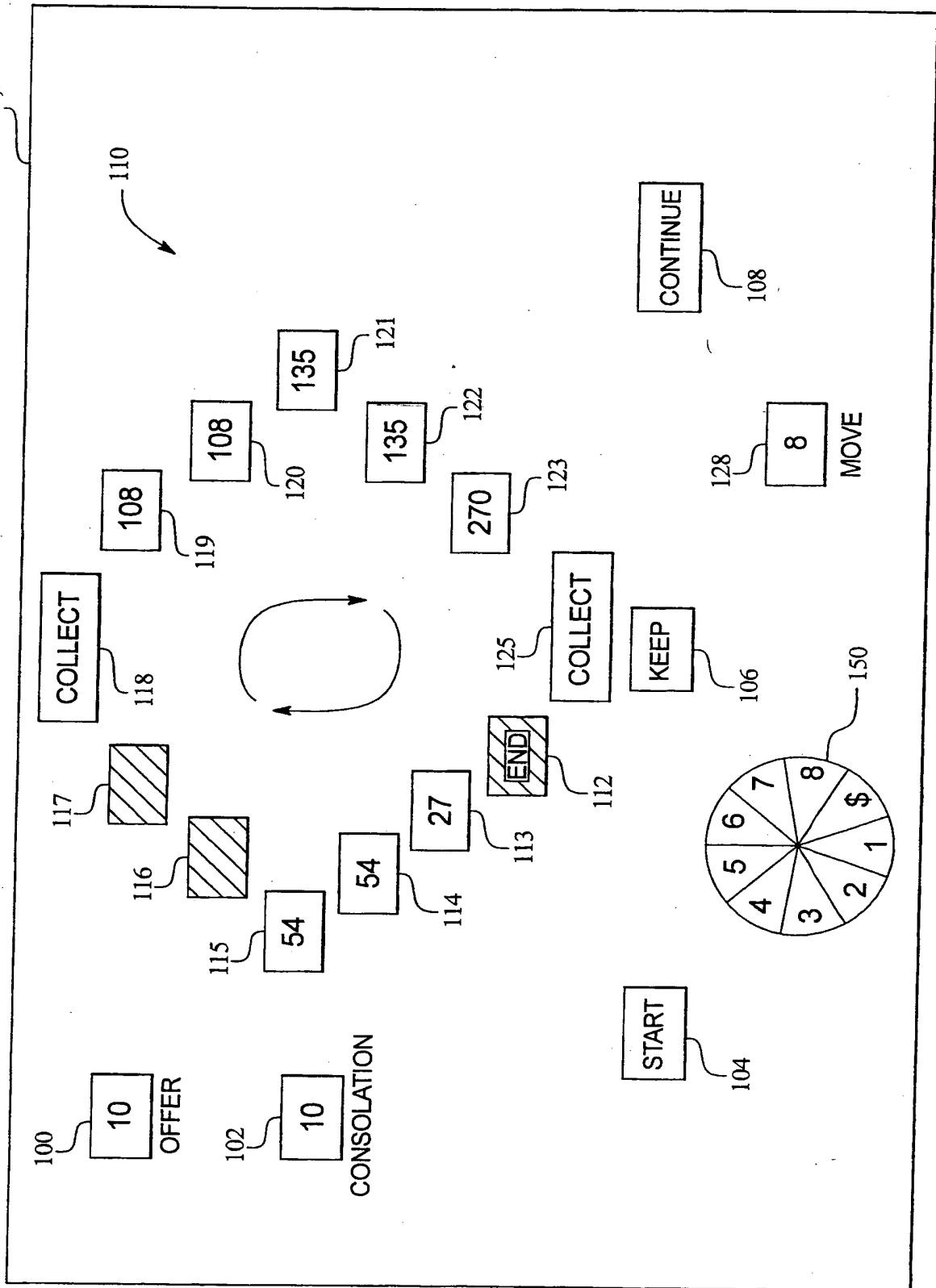


FIG. 16





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FIG. 15

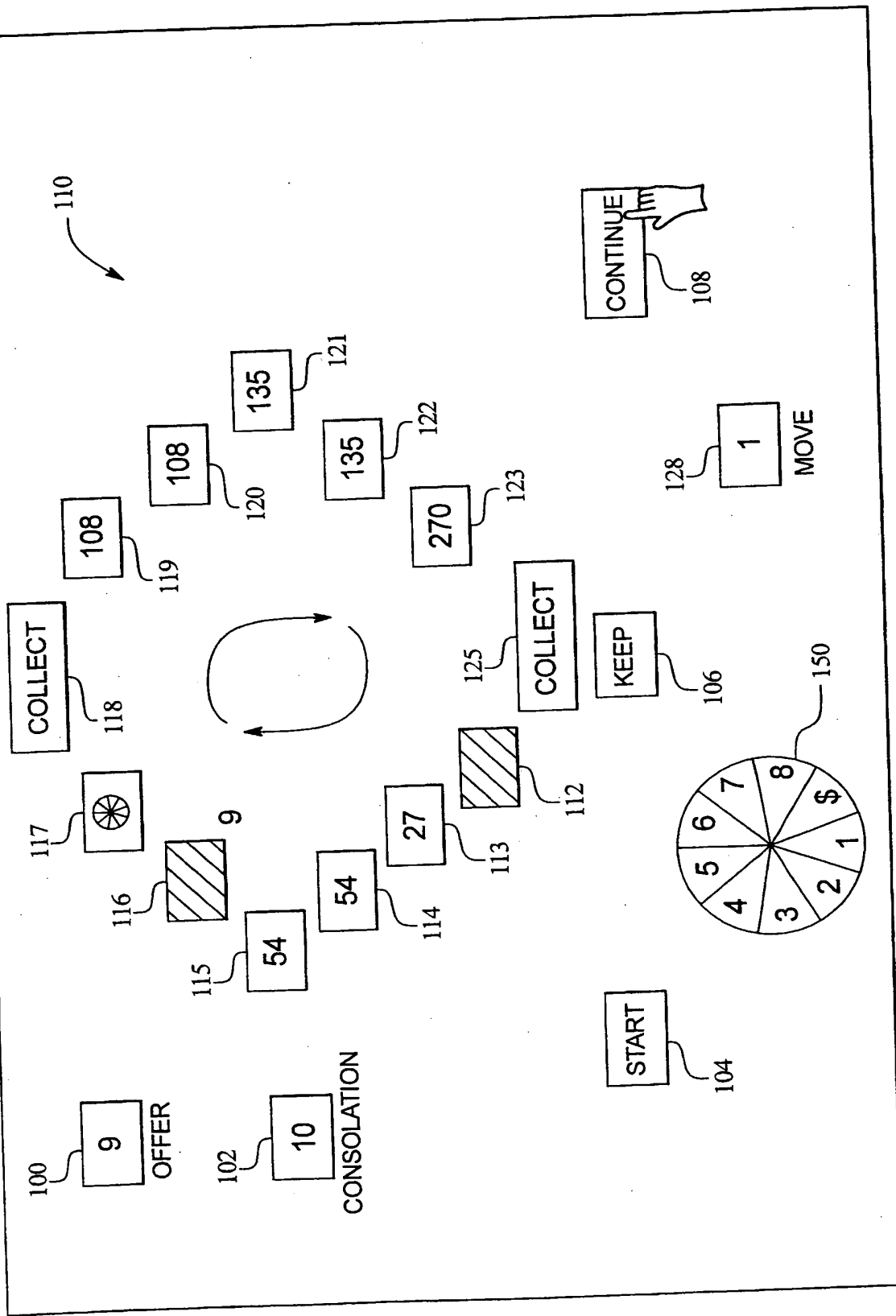


FIG. 14

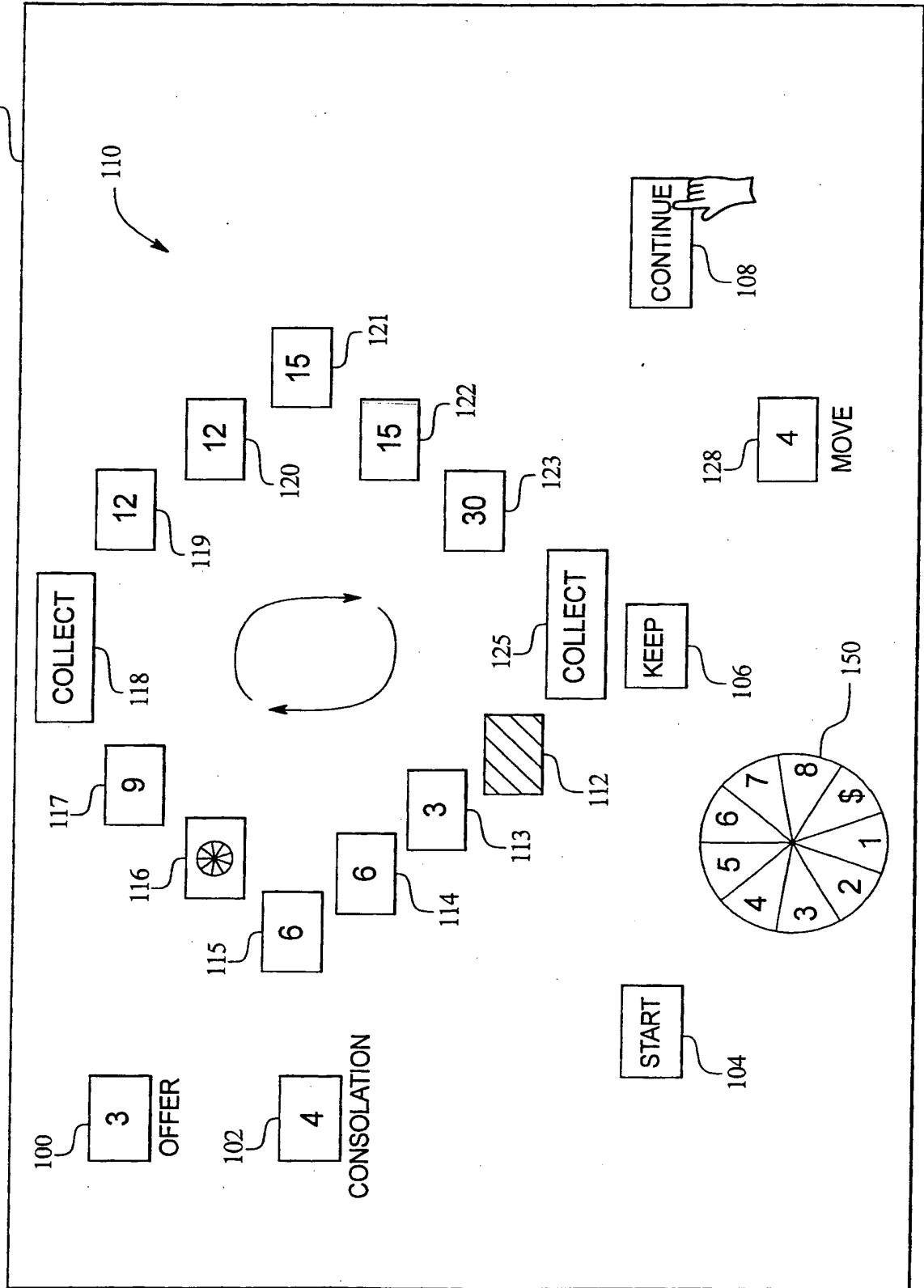
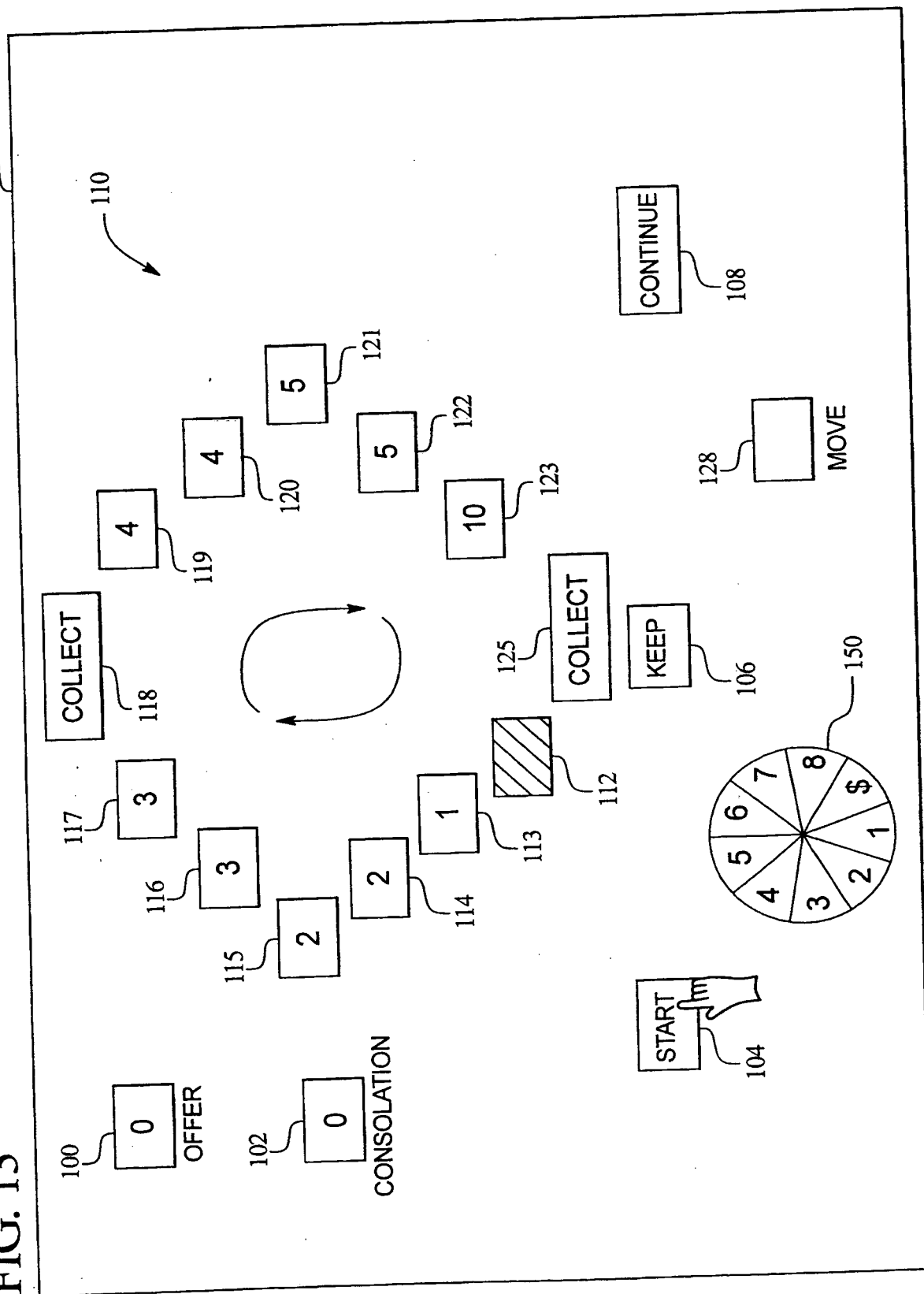
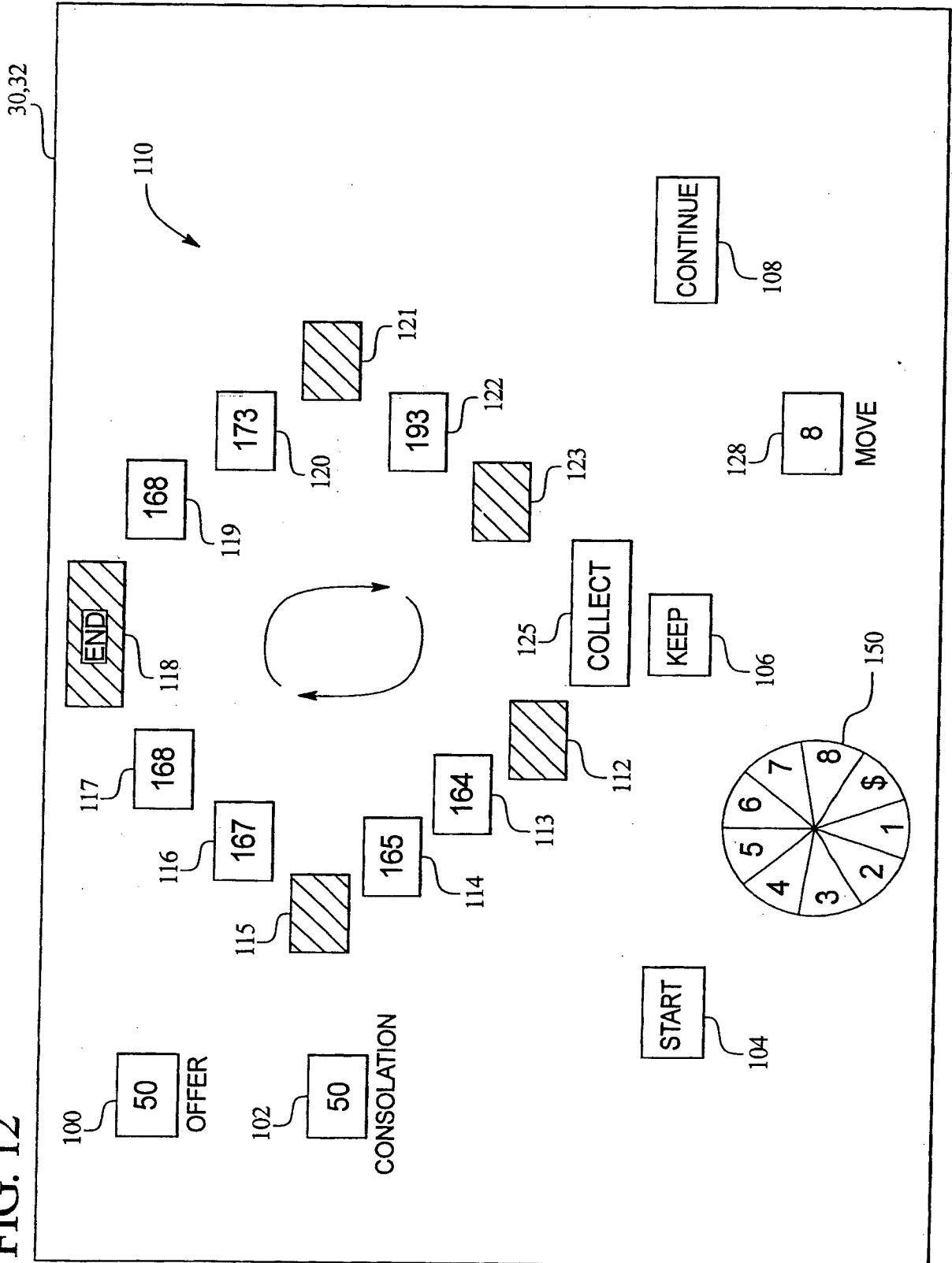


FIG. 13

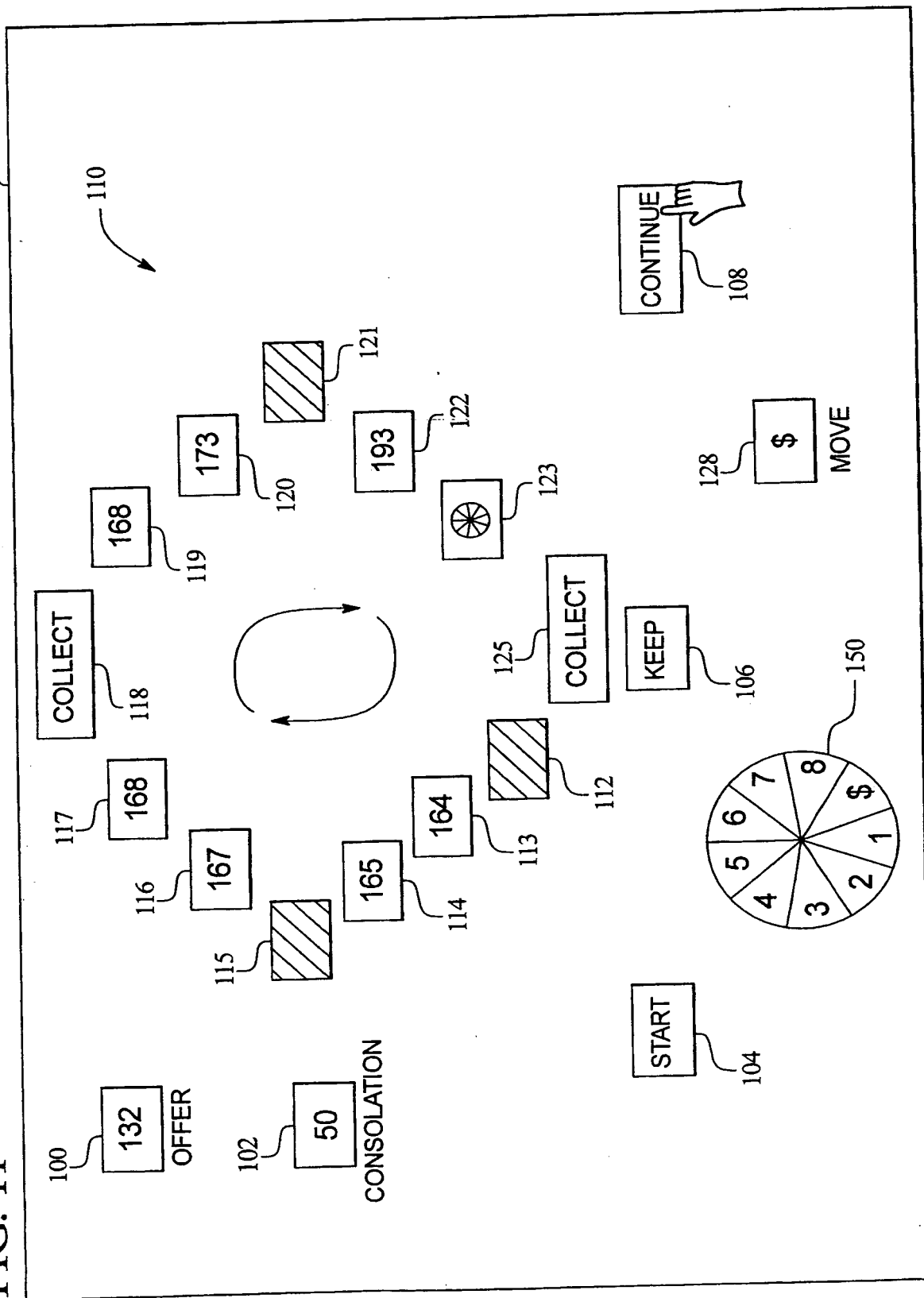
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FIG. 11



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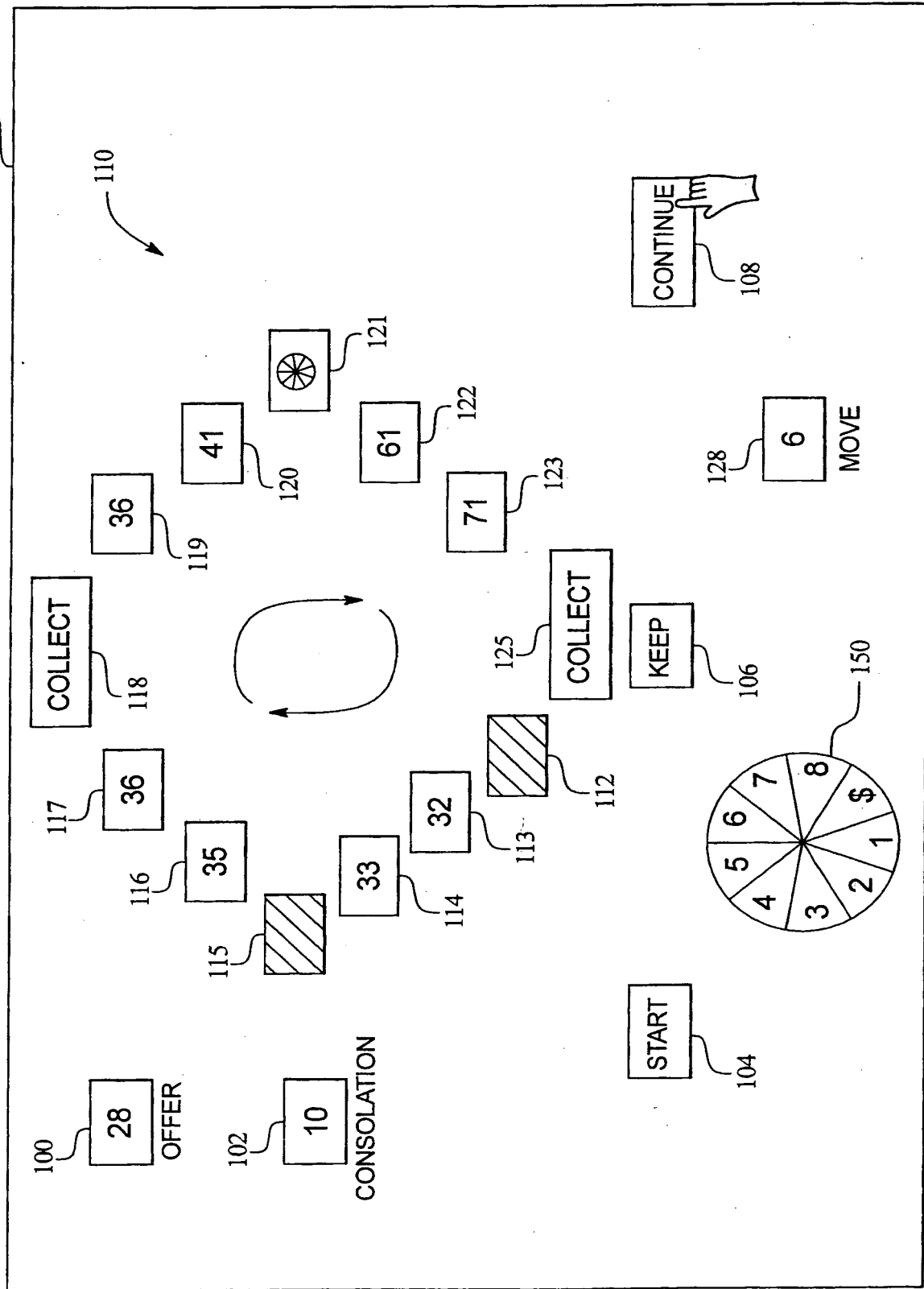
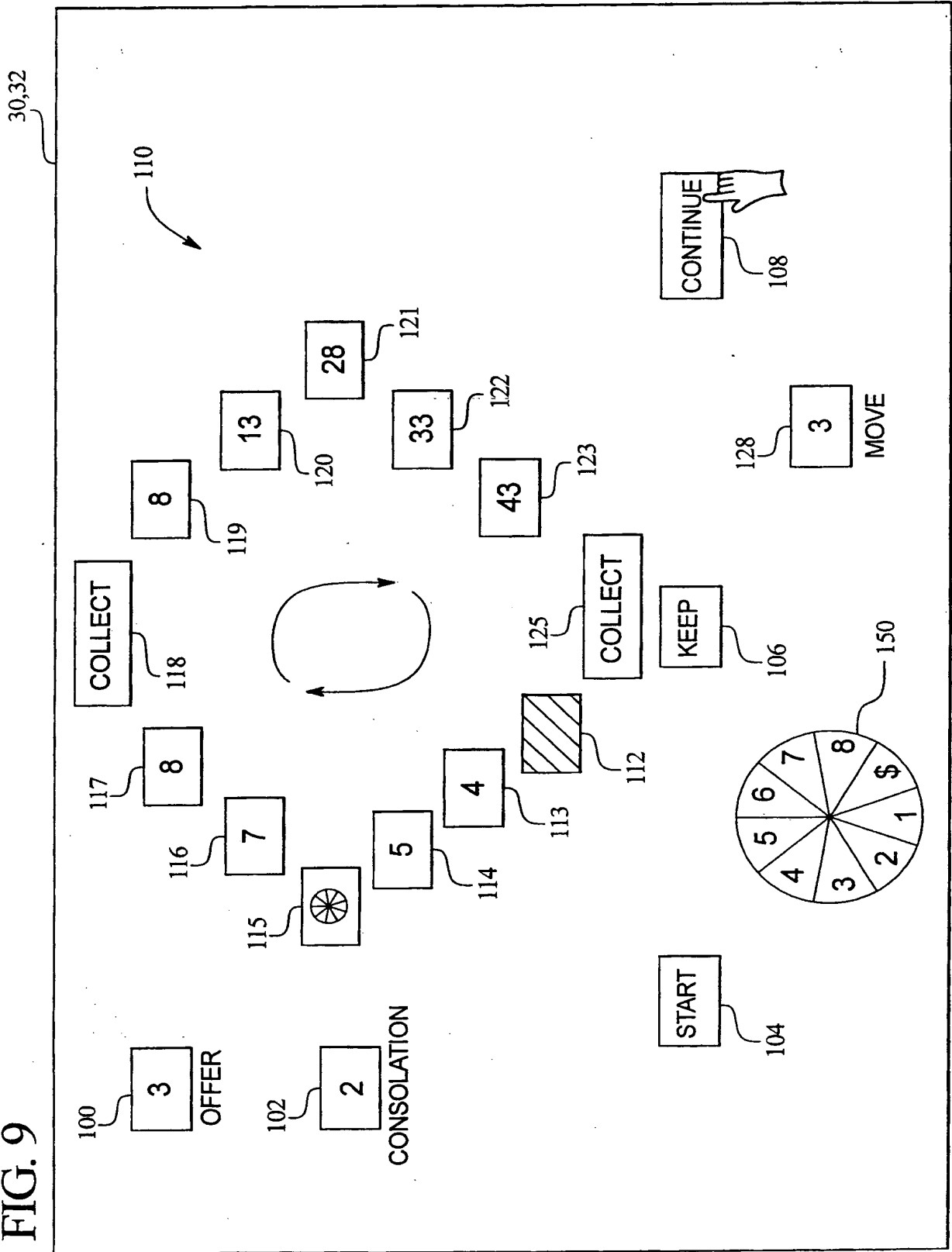
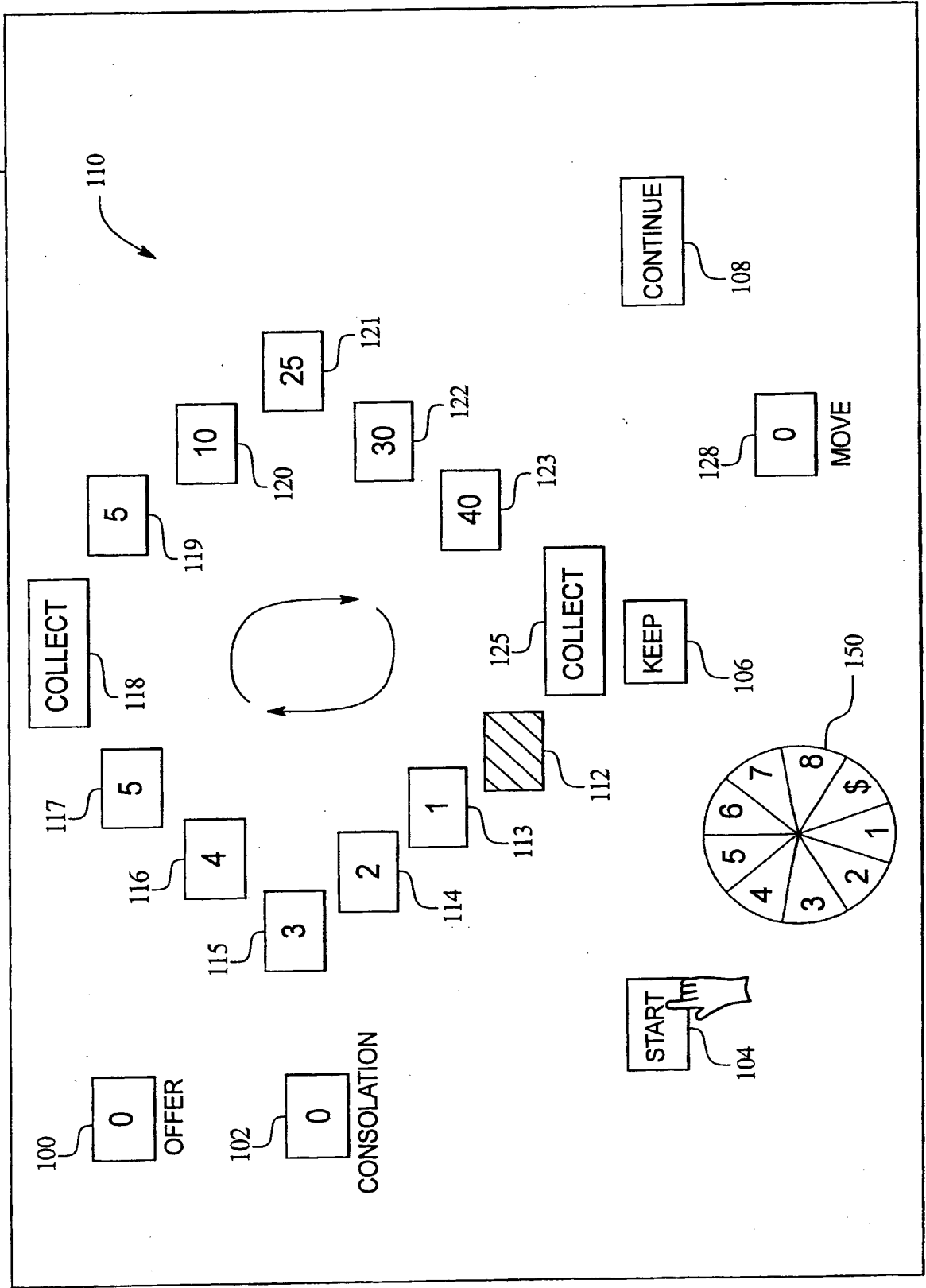


FIG. 9



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FIG. 8





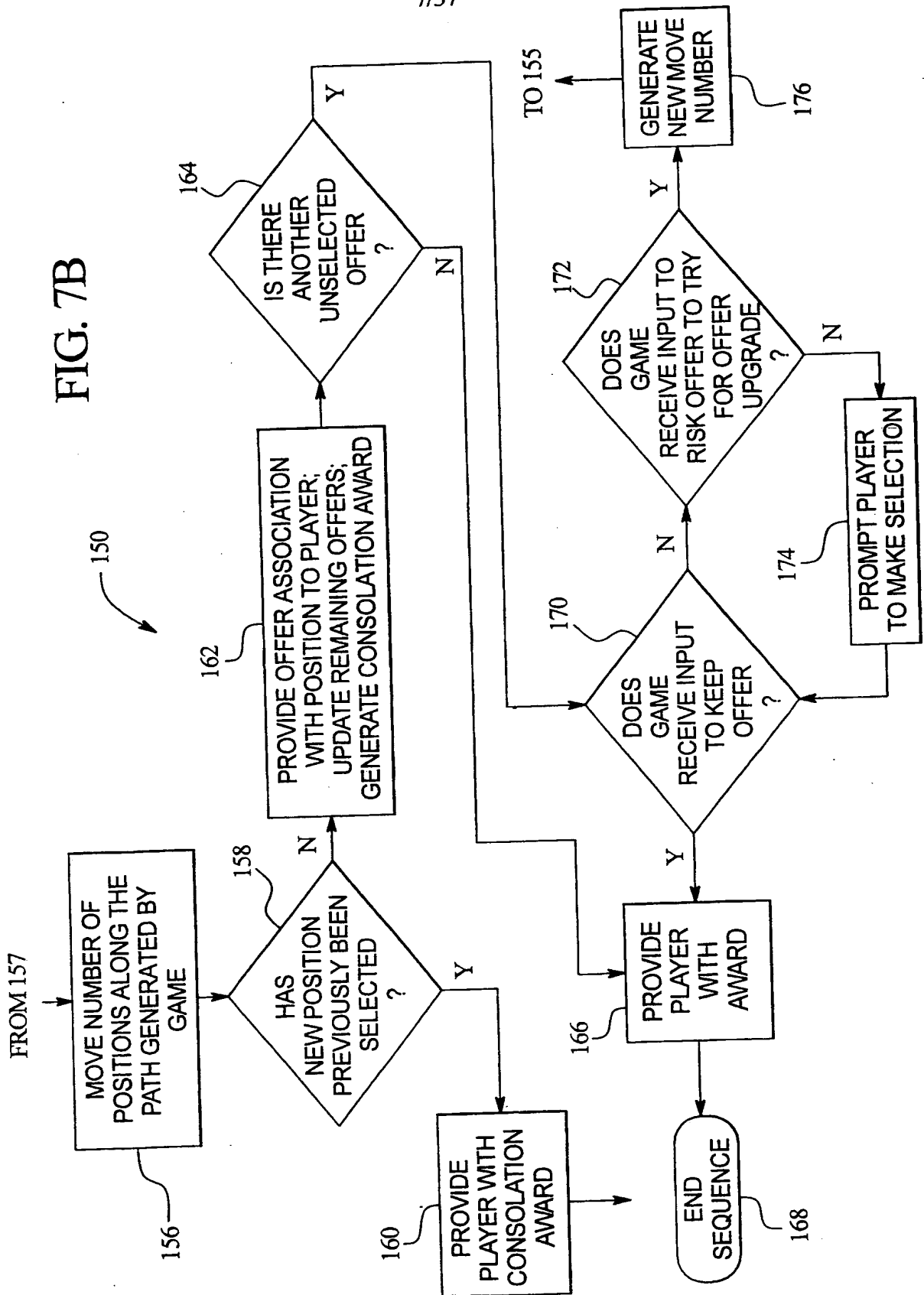


FIG. 7A

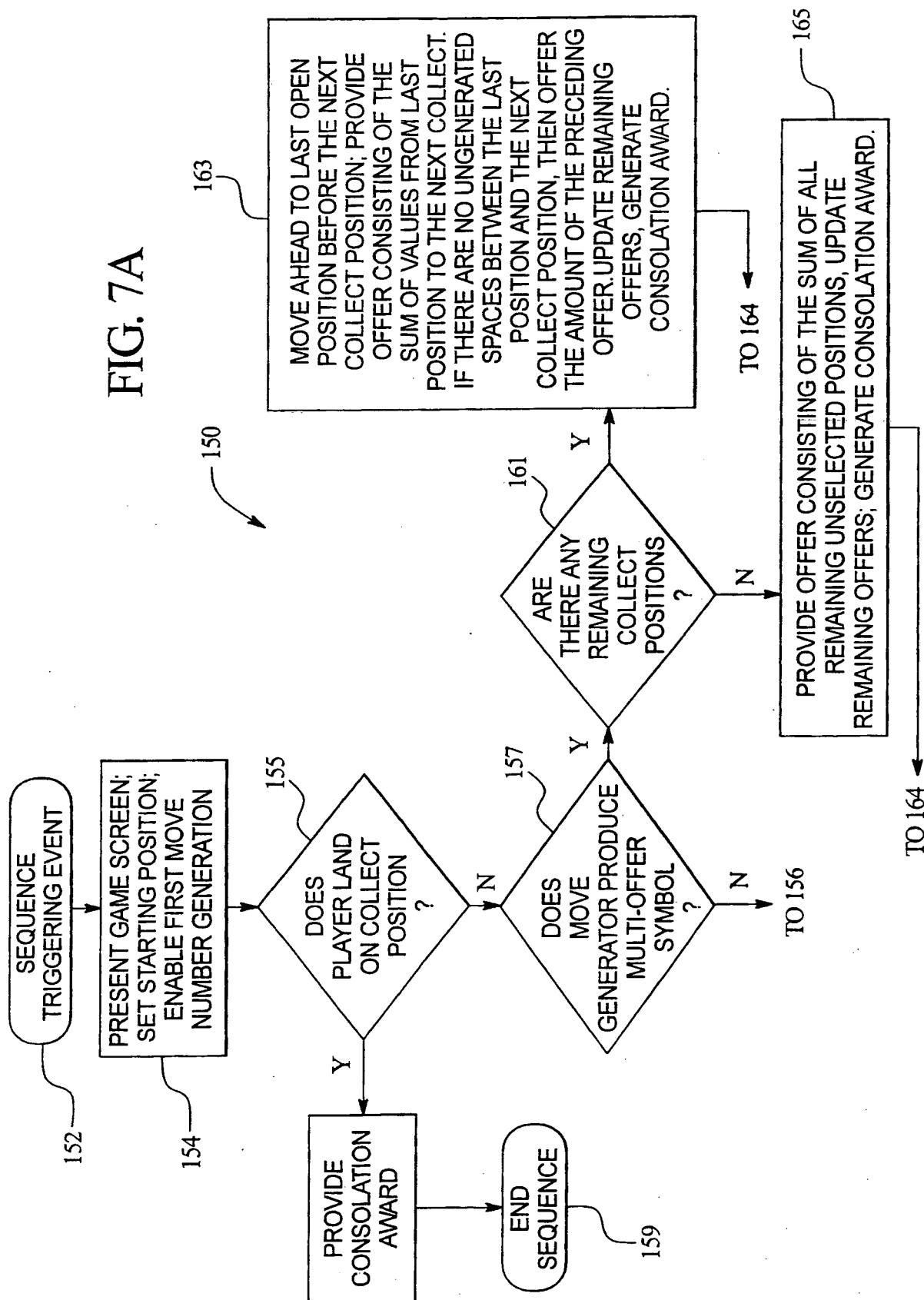


FIG. 4

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FIG. 5

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FIG. 6

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FIG. 3

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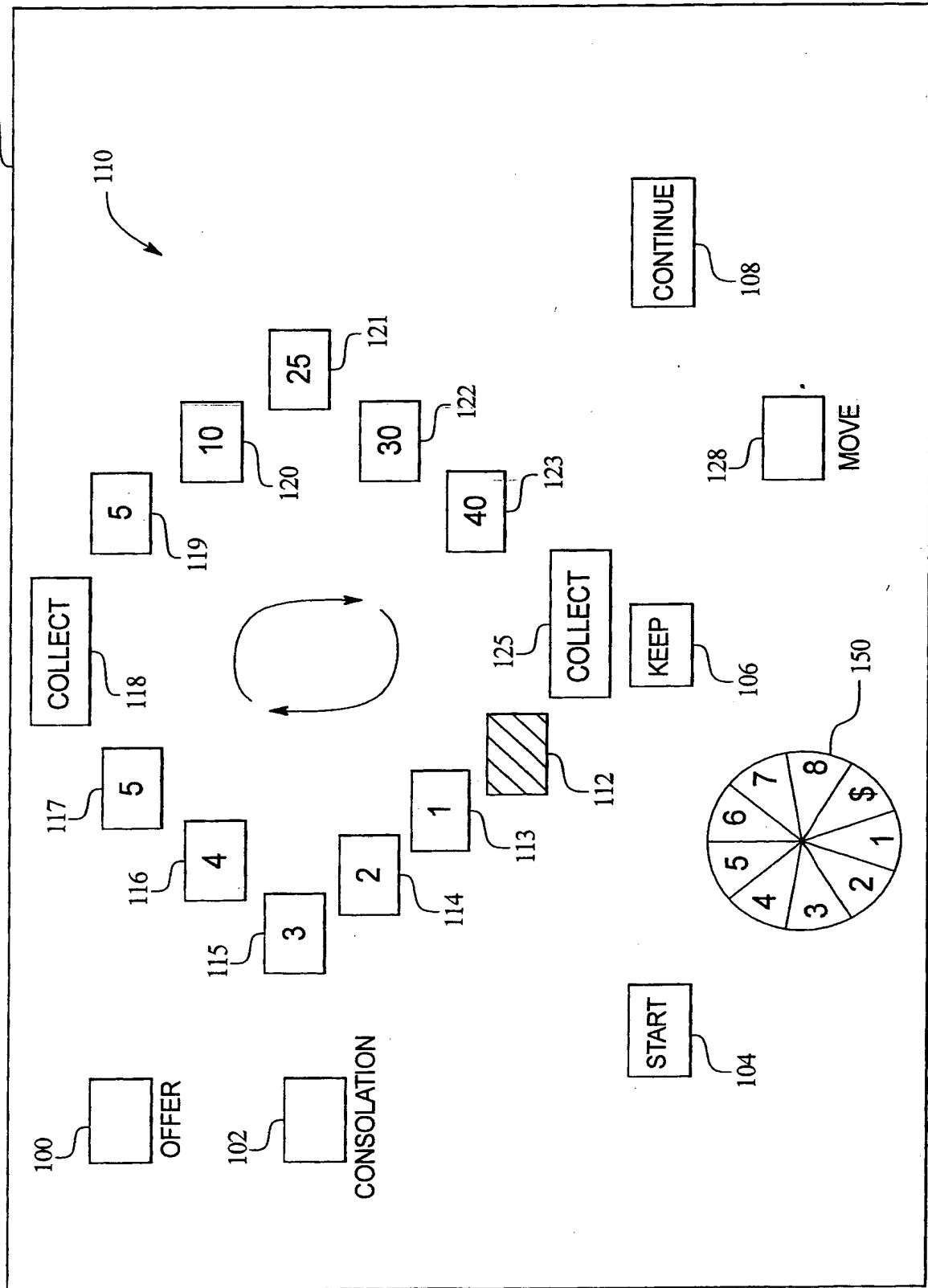


FIG. 2

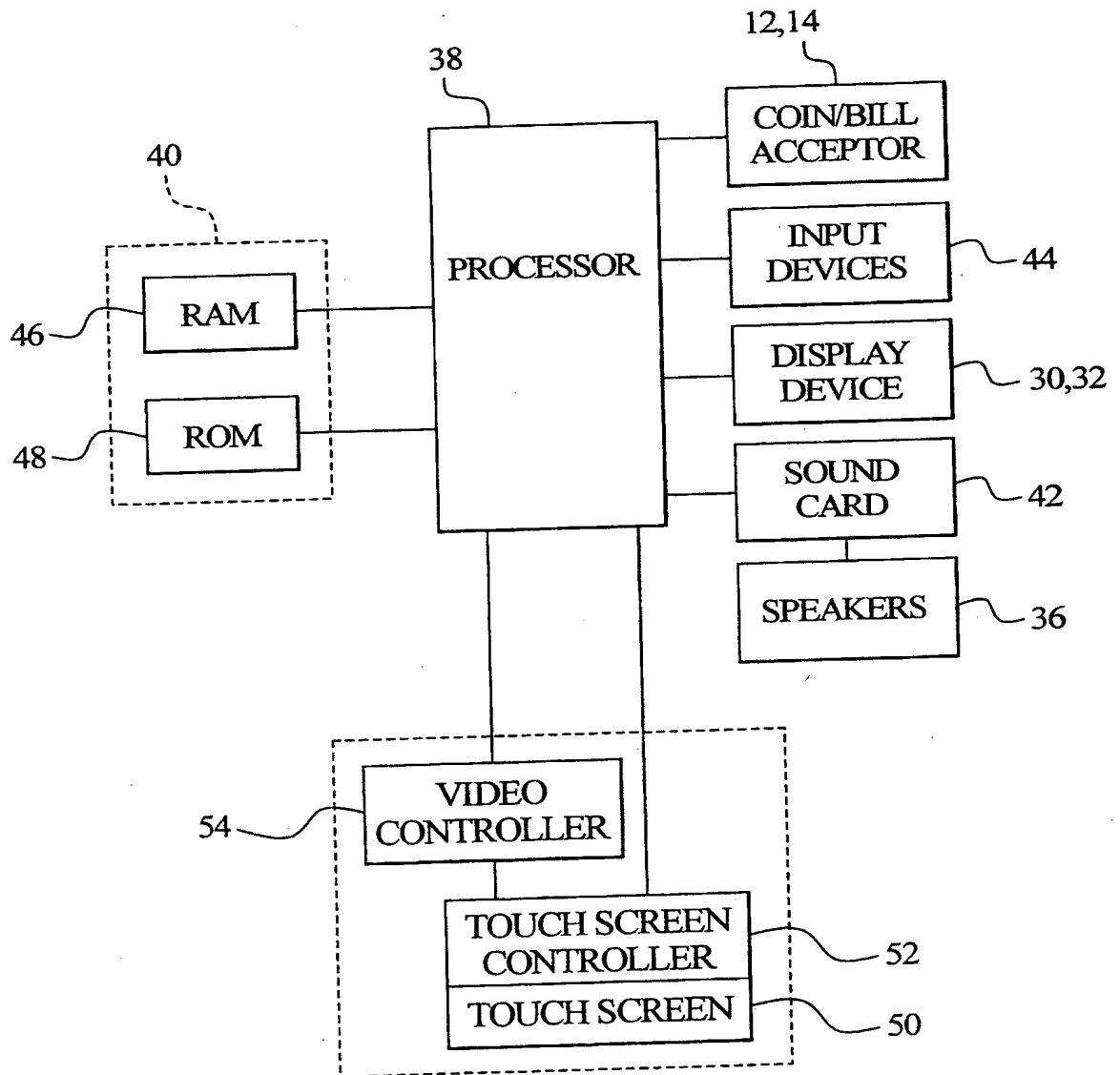


FIG. 1B

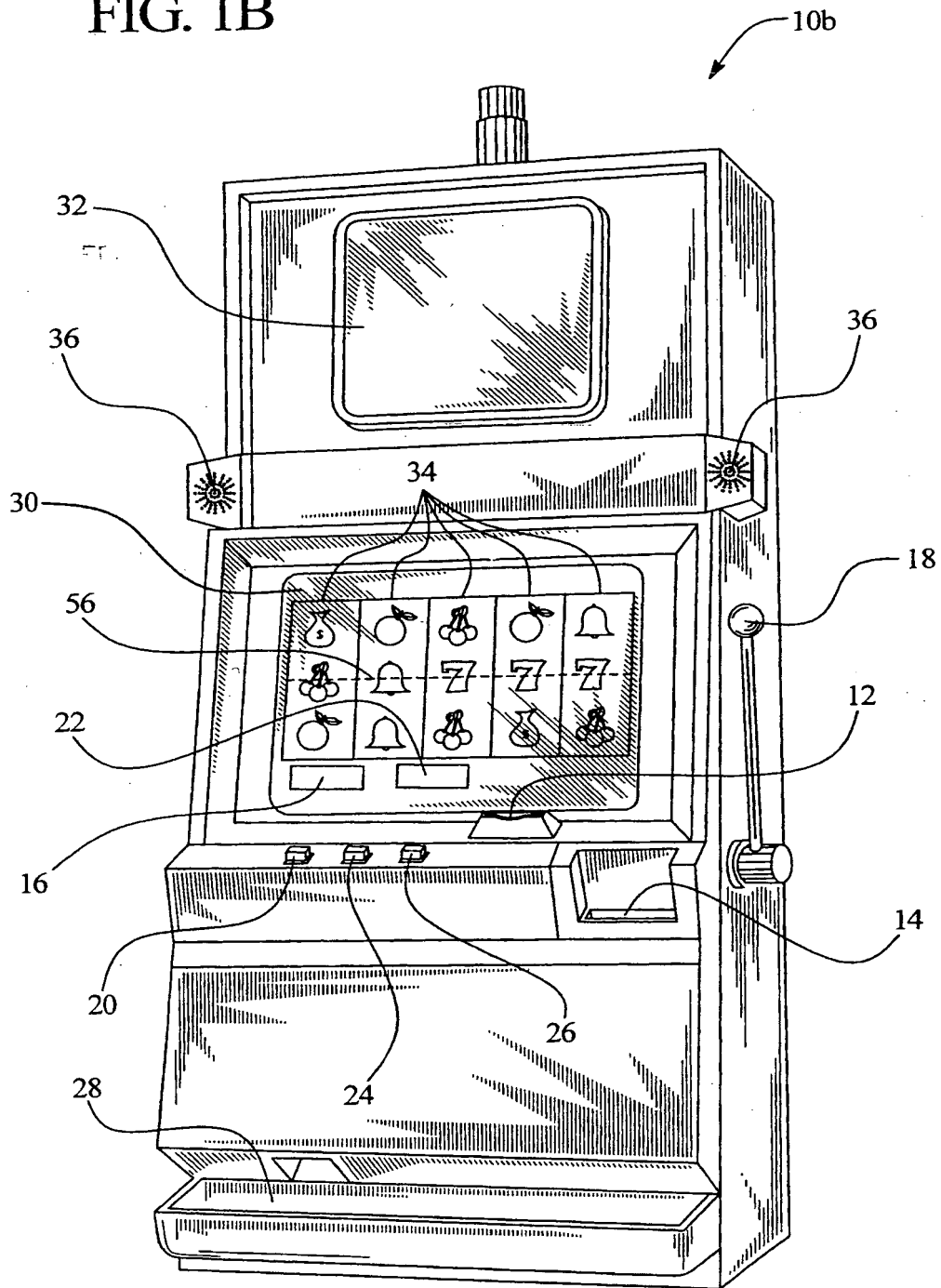
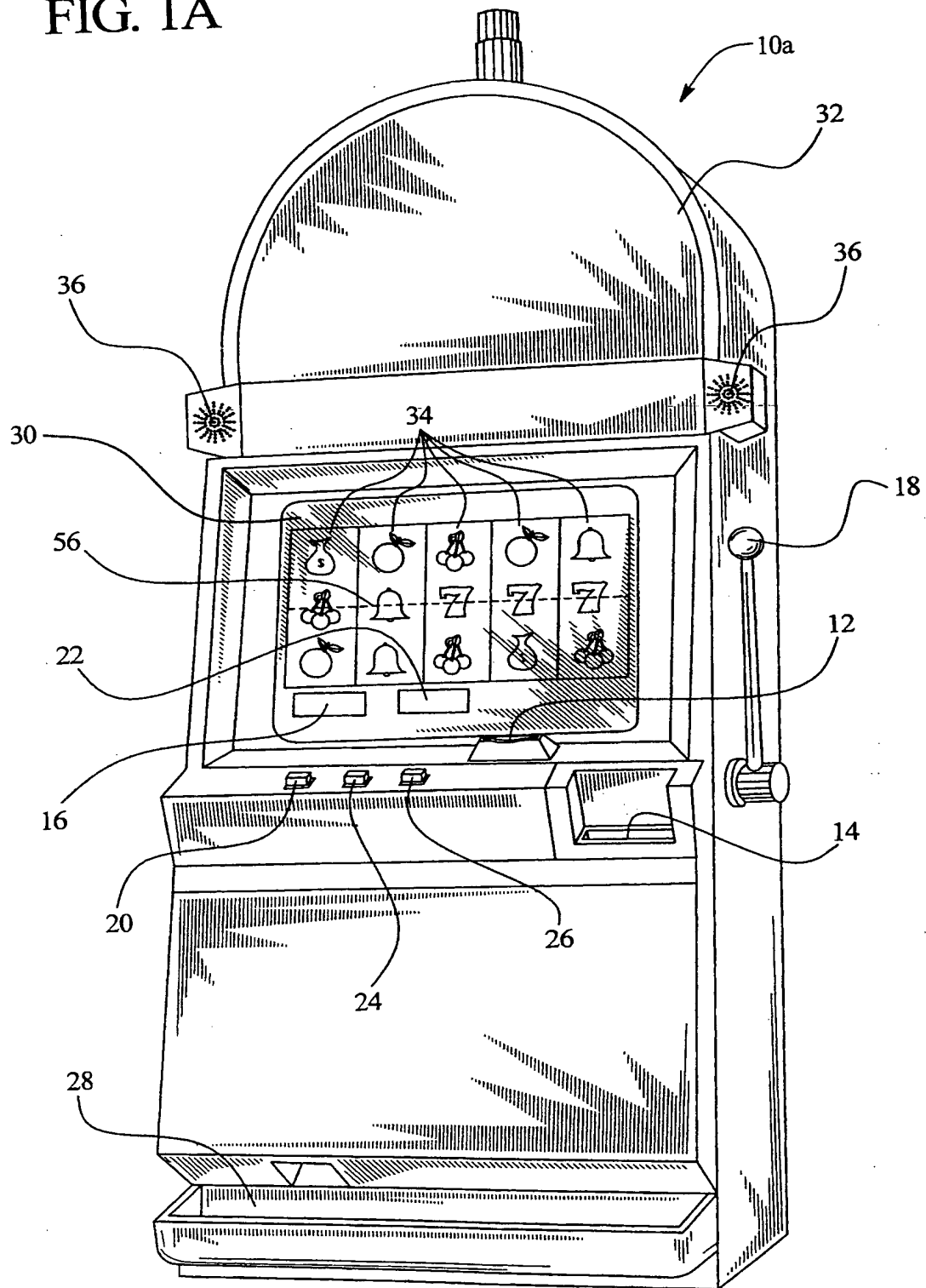


FIG. 1A



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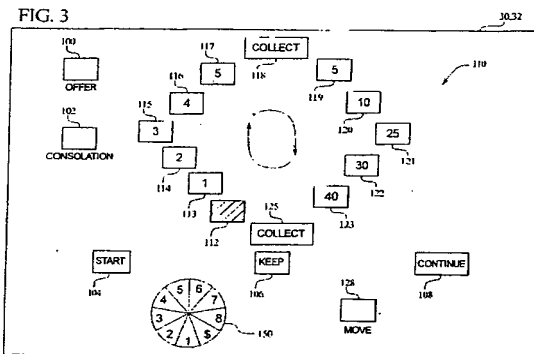
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(54) Abstract Title: **Gaming machine having a bonus game including acceptance/rejection of awards and further award options**

(57) A gaming machine has a main game with rotatable reels and a bonus game. The bonus game has a trail with a plurality of positions 112 - 123, each associated with one of a first set of values, and the option of the player to accept or reject an award (or an accumulation of awards) indicated by the value corresponding to moves in response to a randomly generated number 128. If the award is rejected the values associated with the positions change to a second set of values. A consolation prize 102 may be offered if the selected position indicates termination of the bonus game. Termination may be in response to the player reaching a position previously selected.





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